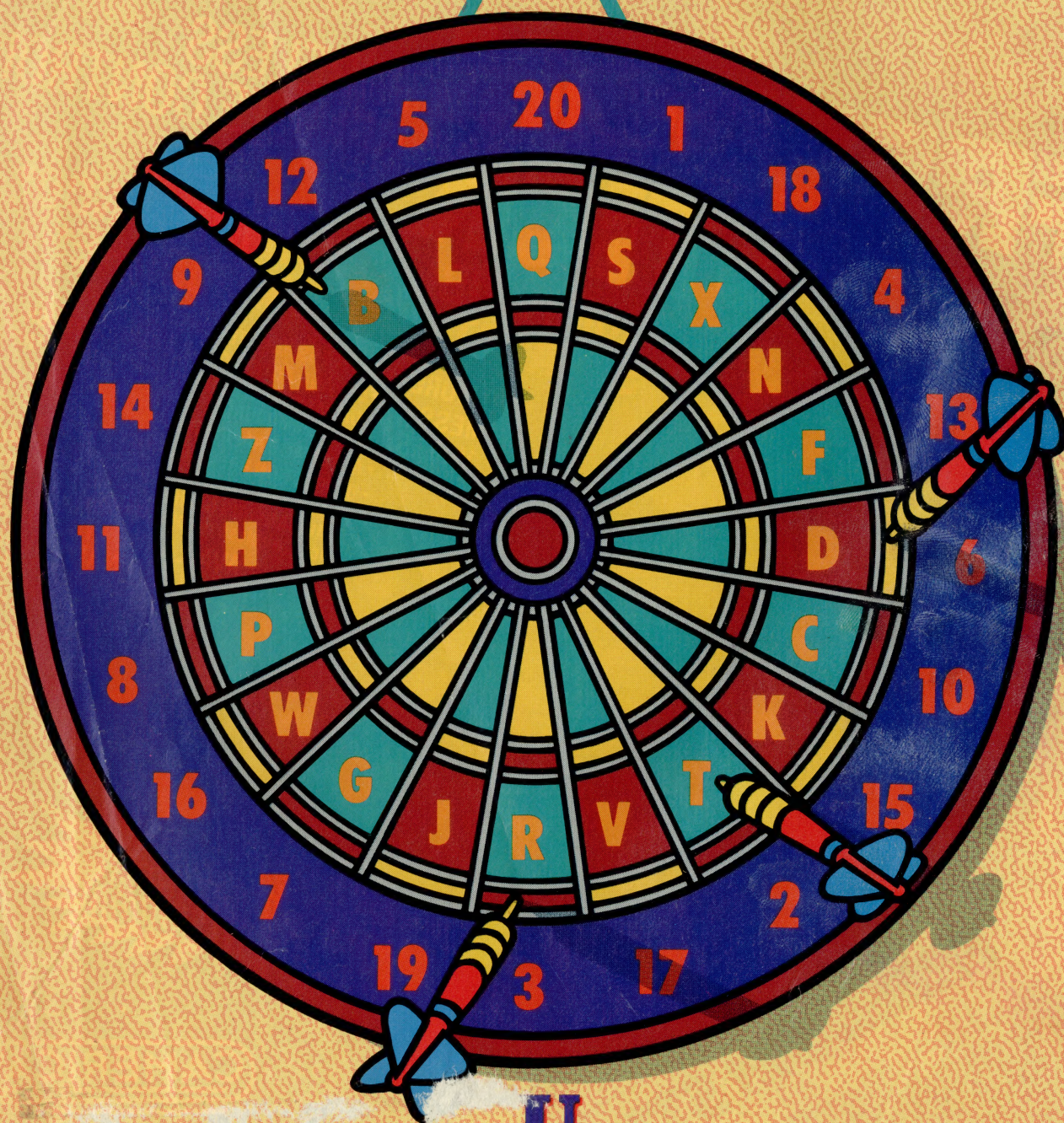


# GAMES

**DELUXE**

## HIT THE JACKPOT



**U**sing four darts, we've hit all the consonants in the word DARTBOARD, for a total score of 288 (32 points X 9 letters in the word). Can you do better? Contest rules, page 4.



# NOW AVAILABLE

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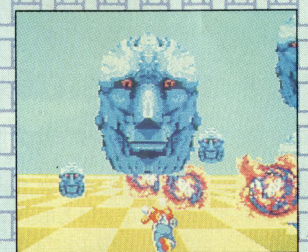
### DIFFICULTY RATING

Smooth Sailing ★ Uphill Climb ★★ Proceed at Your Own Risk ★★★ Mixed Bag ★☆

Cover Illustration Bob Rose      Cover Contest R. Wayne Schmittberger



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## SALAD BAR ★★

Julius likes to eat at salad bars, but can't stand endive. In fact, he hates endive so much that he bars from his plate any vegetable that has even a single letter in common with it. Nevertheless, there are still ten common vegetables Julius can eat that don't contain any of the letters E, N, D, I, or V. How many can you think of?

Avonda Bieler  
Jenkins, MO

## FIVE-PARTY SYSTEM ★★

Recent shakeups have altered the senate in the kingdom of Azalia. Five political parties now vie for control, a struggle made difficult by two facts. First, no two parties have the same number of senators. Second, no two parties, not even the two largest, can combine to form a majority of 50% or more.

If the senate contained fewer senators, these facts couldn't both be true. How many senators are in the Azalian senate?

Don Etz  
Kettering, OH

## THE MARCH HEIR ★★★

Funny thing about those Marches—that's Mr. August March; his wife, June; and his daughter, May—they're all born on the first of the month. (Not all in the same month, of course.)

At a birthday party this afternoon for one of them, August noticed that, counting in years and months, he is exactly six times as old as May (whom he teasingly calls "the March heir"), and that the family's combined age is 70 years.

Then June added that when May is half her father's age (again, counting in years and months), the family's combined age will be twice what it is now.

Whose birthday is it, anyway?

T. K. Hayes  
Cupertino, CA

## CHAIN OF THOUGHT ★★

You can change CAT to DOG in three steps by changing one letter at a time to form a new common word: CAT to COT to COG to DOG. Can you change THINK to BRAIN in seven steps?

Mark Kantrowitz  
Brookline, MA

## BUTTONS AND BOLTS ★★★

Bill bought bolts and Barb bought buttons. Each bolt cost Bill the same number of cents as the number of bolts he bought. Each button cost Barb the same number of cents as the number of buttons she bought. But if Bill had bought bolts at Barb's cost per button, and Barb had bought buttons at Bill's cost per bolt, together they would have saved exactly one dollar in all. If Bill bought more bolts than Barb bought buttons, how many more bolts than buttons did he buy?

Charles H. Connolly  
Dallas, TX

## OUT-OF-TOWNERS ★☆

Always searching for exotic settings for their stories, some authors have given up on the real world and invented their own locales. Can you match each of the following fictional characters with his or her equally fictional stomping ground?

- |                   |                |
|-------------------|----------------|
| 1. Peter Pan      | a. Paradise    |
| 2. Bilbo Baggins  | Island         |
| 3. Bruce Wayne    | b. Cimmeria    |
| 4. Aslan          | c. Dogpatch    |
| 5. Conan          | d. Never-Never |
| 6. Clark Kent     | Land           |
| 7. Luke Skywalker | e. Gotham City |
| 8. Abner Yokum    | f. Oz          |
| 9. Eeyore         | g. Pooh Corner |
| 10. Diana Prince  | h. Avalon      |
| 11. Morgan le Fay | i. Metropolis  |
| 12. Glinda        | j. The Shire   |
|                   | k. Tatooine    |
|                   | l. Narnia      |
- Robert Campbell  
Weymouth, MA

ANSWERS, PAGE 56

Your Move is a column of original puzzles and other material submitted by readers. We pay \$15 and up for each item we publish. We reserve the right to revise puzzles and edit manuscripts for clarity. None can be returned unless accompanied by a stamped, self-addressed envelope.

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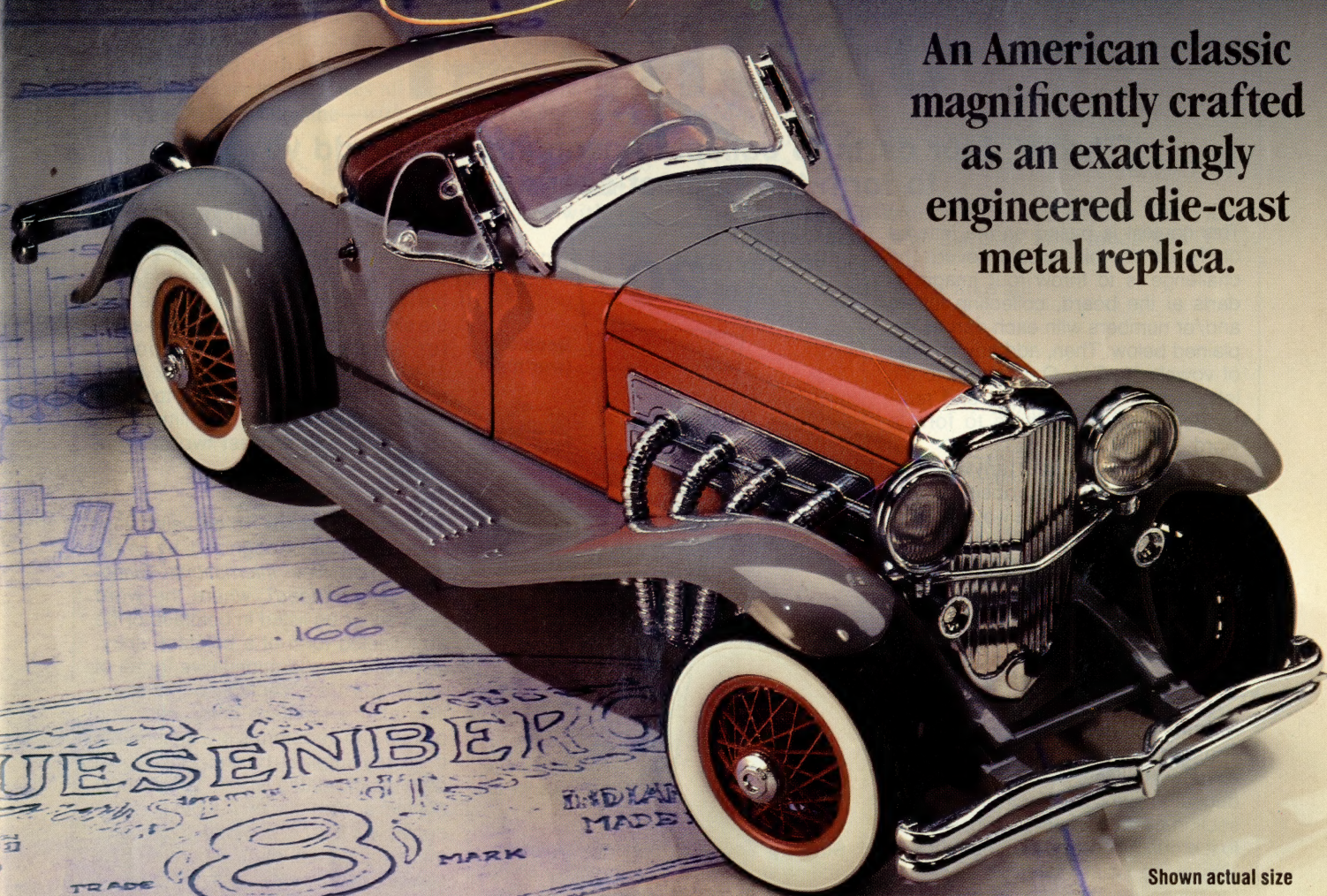
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Shown actual size

The Duesenberg SSJ...the most legendary of all classic cars...the fastest, best-handling and most opulent of all Duesenbergs. Only two were ever built, and both are virtually priceless.

## Remarkable attention to detail.

The Danbury Mint devoted over twelve months of painstaking research and development to recreate the Duesenberg SSJ in large 1:24 scale.

All the important components—the body, chassis, drivetrain and engine block—are crafted of metal. The seats are glove leather and the tires are genuine rubber.

Both the engine and the undercarriage are authentically recreated and, of course, the doors and both sides of the hood open.

Each component of this model is individually inspected, then hand-assembled. Note the gleam of the model's finish. It is achieved by polishing each piece of metal, then hand-spraying the paint finish. Finally, and perhaps most remarkably, each car is actually hand-waxed.

## Surprisingly modest price.

The Duesenberg SSJ is the stuff of dreams—but the original issue price of this Duesenberg SSJ replica is only \$88.50, payable in three monthly installments of just \$29.50 each. This is an exclusive commission available only by direct subscription from the Danbury Mint; it is not available in any store.

## Satisfaction guaranteed.

To reserve a Duesenberg SSJ in your name, you need send no money now. You will be billed in three convenient monthly installments, your first in advance of shipment. If you prefer, you may charge each monthly installment to your VISA or MasterCard account.

If you are not completely satisfied, for whatever reason, you may return your Duesenberg SSJ within 30 days of receipt for a prompt refund or replacement.

To ensure availability, return your reservation application today!

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## RESERVATION APPLICATION

The Danbury Mint  
47 Richards Avenue  
Norwalk, Conn. 06857

*Duesenberg* SSJ

Please accept my reservation application to the Duesenberg SSJ. I need send no money now. I will pay for my Duesenberg SSJ replica as billed in three monthly installments of \$29.50 each\*, the first in advance of shipment.

My satisfaction is guaranteed. If I am not completely satisfied with my SSJ, I may return it within 30 days of receipt for prompt replacement or refund, whichever I wish.

\*Plus \$1.25 per installment for S & H.

Name

PLEASE PRINT CLEARLY

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City/State  Zip

Check here if you want each monthly installment charged to your: ☐ MasterCard ☐ VISA

Credit Card No.

Expiration Date

Signature

Allow 8 to 12 weeks after payment for shipment.

F237



# HIT THE JACKPOT



**Grand Prize**  
Your score in dollars  
**Five Runner-Up Prizes**  
A GAMES T-shirt

**“Throw” four darts to collect consonants, then add vowels to form the highest-scoring word.**

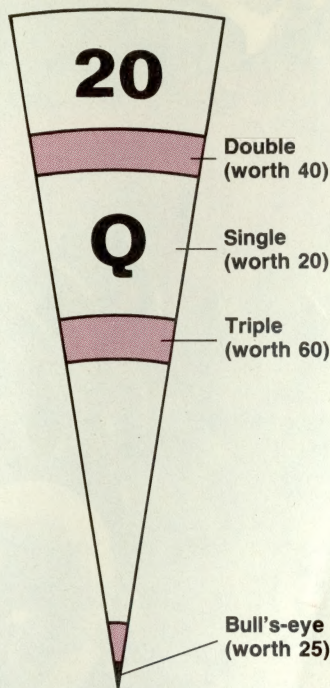
This contest is based on the lettered dartboard on this issue's cover. The challenge is to throw four imaginary darts at the board, collecting letters and/or numbers with each dart as explained below. Then, add any number of vowels (A, E, I, O, U, or Y) to the letters you have collected and rearrange all of your letters to form a word.

Vowels may appear anywhere in your word; for the purposes of this contest, the letter Y is always considered a vowel. The only consonants that may appear in your word, however, are the ones collected by the four darts. NOTE: The darts on the cover are for illustration only; do not include them in determining your score or your set of collected letters.

## Single, double, and triple letters

The dartboard is divided into 20 pie-shaped sections (one slice is reproduced at right for illustration). Each section has a basic score shown next to it around the edge of the dartboard. This is the point value that is earned for hitting the large region within the section (the region in which a letter has been placed). The narrow area outside each large region scores double the basic point value, while the narrow area inside each large region scores triple the basic point value. In this contest, you may throw each dart at either a large region, a double area, or a triple area. (The second, inner spaces—also single-scoring—have no special meaning in this contest.) Hitting a large area earns a single score and collects a single letter; hitting a double area earns twice the basic score and collects two of the letter; and hitting the triple area earns a triple score and collects three of the letter.

**The bull's-eye** You may use one or more darts to hit the bull's-eye. Such darts score 25 points each (not 50, as in regular darts), but collect no letters. The bull's ring (the small ring around the bull's-eye) is considered part of the bull's-eye in this contest.



**Scoring** Your score is determined by adding up the points scored by all of your darts (taking into account any doubles and triples, and including any bull's-eyes), then multiplying this total by the number of letters in your word. Here are two examples:

**Example 1:** DaRTBoaRD (see cover for dart placement)

| Dart Hits               | Letters | Points           |
|-------------------------|---------|------------------|
| Double 6                | DD      | 12               |
| Double 3                | RR      | 6                |
| 12                      | B       | 12               |
| 2                       | T       | 2                |
| Total for four darts:   |         | 32               |
| 32 points x 9 letters = |         | 288 total points |

**Example 2:** SCoReRS

| Dart Hits                    | Letters | Points            |
|------------------------------|---------|-------------------|
| Double 1                     | SS      | 2                 |
| Double 3                     | RR      | 6                 |
| 10                           | C       | 10                |
| Bull's-eye                   | —       | 25                |
| Total points for four darts: |         | 43                |
| 43 points x 7 letters =      |         | 301 total points. |

NOTE: You may hit the same spot on the dartboard more than once. For example, the word ASSESS uses the double 1 twice (or the triple 1 once and the single 1 once) and two bull's-eyes, for a total score of 324 points ( $1+1+1+1+25+25 = 54 \times 6$  letters = 324). In other words, to use a consonant more than three times, you must hit it with at least two different darts.

**Acceptable words** To be valid, your word must be recognized by *Webster's Third New International Dictionary (Unabridged)*, where the word must either be listed in boldface or be an inflected form of a boldface entry. Comparative and superlative forms of adjectives are acceptable only if specified after a boldface entry; but noun plurals and verb forms are acceptable if clearly implied by the inflectional patterns of related words. Words may contain accent marks. A word is unacceptable if it (1) is composed of two or more component parts separated by a space, or appears only as such a component part; (2) contains an apostrophe, hyphen, or period; (3) is designated only as capitalized or usually capitalized; (4) is listed only as an abbreviation or symbol; (5) appears only in the Addenda.

**Winning** The entry with the highest score will win the Grand Prize. The five next-highest scores will win the runner-up prizes. Ties will be broken by random draw.

**Entering** Mail your word, your total score, and your name and address to **Hit the Jackpot, GAMES Magazine, 810 Seventh Avenue, New York, NY 10019**. IMPORTANT: If you send your entry in an envelope, you must write your word and score on the back of the envelope and circle it. You may enter as many times as you like, but each entry must be mailed separately. Entries must be received by August 1, 1988. —R. Wayne Schmittberger



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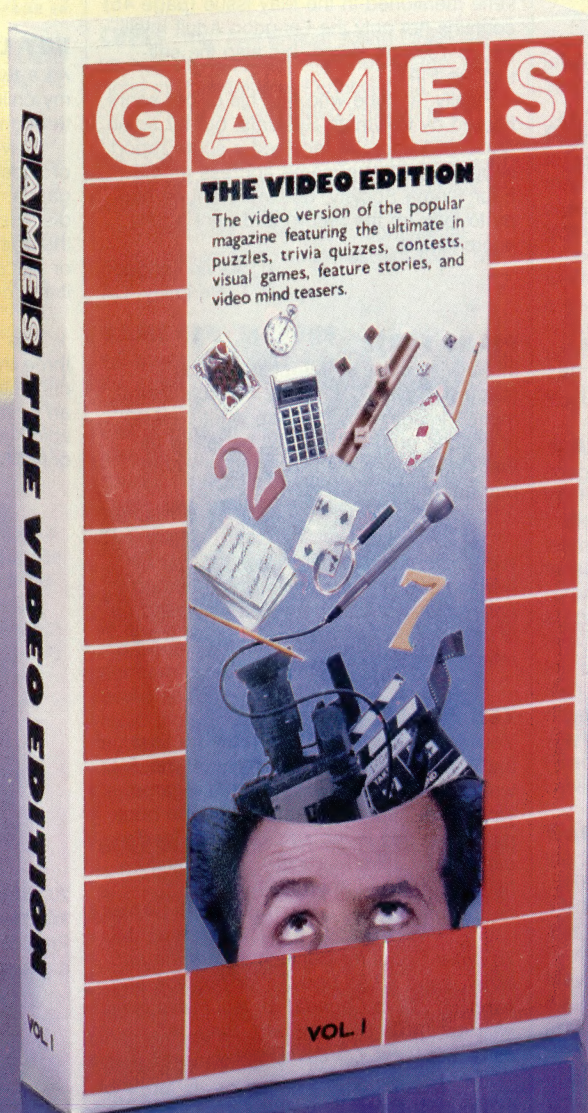
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—R. Wayne Schmittberger,  
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# LETTERS

## ENVELOPE OF THE MONTH



Roy Coombs  
West Palm Beach, FL

## CARDS ON THE TABLE

Regarding your "One of a Kind" article in "Gamebits" (March, 1988) describing the edible playing cards from Japan: Does this mean that, at the dinner table, mothers will no longer yell at their kids: "Stop playing with your food!"?

R. Noveshan  
Westchester, CA

## SECONDARY REACTIONS

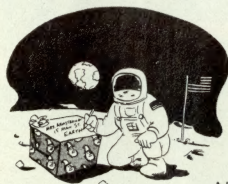
Some of my solutions for "Initial Reactions" (March, 1988) differed from yours. Your "Pirate Throwing Anchor" (PTA), I deciphered as "A Stupid Pirate Casting Anchor," (ASPCA), as the anchor had no rope attached.



Number 8 showed "Arnold Schwarzenegger Playing Chess Alone" (ASPCA), but my answer was "Not An Amazing Chess Player" (NAACP).



Finally, number 10 showed "Neil Armstrong Addressing Christmas Present" (NAACP), but I thought he was a "Pretty Thoughtful Astronaut" (PTA).



Alden Wolfe  
St. Louis, MO

## SUPER IQ INFO

Now that the Super IQ Tests (August/September, 1987) have been taken, and the scores calculated, it should be announced that there are two high-IQ societies that accept Polymath Intellectual Ability Scale (PIAS) scores: the Phoenix Society, Six Kellom Court, Durham, NC 27713 (99.9th percentile); and the Four Sigma Society, P.O. Box 795, Berkeley, CA 94701 (99.997th percentile).

Also, please note that the \$20 IBM diskette mentioned in the May issue (page 45) contains not only the Langdon Adult Intelligence Test, as stated, but also the self-scoring PIAS.

Finally, anyone who had his or her score figured by Polymath Systems, but for some reason has not yet received a score report, should write to us (same address as the Four Sigma Society, above). We'll be happy to look up the record and print a new score report.

Kevin Langdon  
Berkeley, CA

## PIANO FORTE

In the May issue's "Marching Bands" (page 23), clue C.a. reads, "Nero's instrument." Imagine my surprise when "PIANO" fit into the grid! Next, you'll be telling us that Nero tickled the ivories while Rome burned, hmm?

Barbara Prillaman  
Cary, NC

*We admit, it would have been difficult for Nero to play a piano while Rome burned (instruments of its type weren't invented until the 10th or 11th century), but we were referring to Peter Nero—Ed.*

## YEN FOR SHOGI

Your article on Shogi ("Different As East and West," March, 1988) intrigued me. I would like to learn more about the game, yet, I have had a problem finding the book recommended in the article (*Shogi for Beginners*, by John Fairbairn). If you could help me, I would appreciate it.

Garth Dahlen  
Potomac, MD

*To order Shogi for Beginners from the publisher, send \$9.95 plus \$1 for postage and handling (\$2 in Canada) to: Ishi Press International, 1400 Stierlin Road, Bldg. A7, Mountain View, CA 94043.—Ed.*

## CRITICAL POINT

It seems that your proofreader did not have enough diacritics to keep awake. "Diacritical Day" (Events, May) is listed as April 31, which does not exist.

Robert Greer  
Long Beach, CA

*Actually, our proofreader was aware of the anomaly. You discovered our (unannounced) Fake Event . . . April Fools!—Ed.*

## "POP" EYED

Our visit to your "Pop Party" (March, 1988) afforded us *more* than thirty introductions in that CROWDED HOUSE. (The bands you left out of your list are capitalized.) We wonder if the MEN AT WORK (The Carpenters) are worried about the Bee Gee's potential STING. We are also wondering whether Prince is one of the KINGSMEN and we want you to know that, although getting our CARS (VW Beetles) into the parking lot was a tight SQUEEZE, we enjoyed ourselves thoroughly. Thanks for the invitation.

Morgan, Cary, and Cynthia Donaldson  
Ellsworth, ME

*See Eureka (page 60) for a list of many more performers that readers found in the puzzle.—Ed.*

## BUY LINES

As a teacher for "gifted" students, I keep my children in mind as I work my way through each issue of GAMES.

"Caveat Emptor" (January, page 38) provided an excellent illustration of propaganda. We studied each example, and we discussed the various techniques found in the ads. Then, each student developed his or her own blurb. Can you identify the items described in their advertisements?

1. This amazingly unique object is actually three things in one! It's a weapon, a musical instrument, and it looks great in a woman's hair. Thousands have already been sold—and you can buy a box of seven for only \$6.00!



2. Magically slice things without even touching them! A flick of the hand and Presto! Amaze your friends, be better than a magician. Totally synthetic—only \$5.95.





3. It's a pocket-sized word processor and calculator! Hand-held, comes complete with print and delete. You'll astound everyone! Only \$3.75 per dozen.



ANSWERS, PAGE 59

Lydian Davis  
Mesa, AZ

### NAME OF THE GAME

We saw a letter in the March 1988 issue of *GAMES* in which a reader was looking for a copy of "Yacht Race." As a member of the American Game Collector's Association, we wanted to let you know that our company specializes in out of print games; particularly post-WW2 games. We would be more than happy to help any of your readers with their game requests.

Jan McDerment  
House of Curmudgeon Games, Inc.  
266 W. Grant  
Tucson, AZ 85705

### MILKING IRISH BULLS

In your March/April, 1982 issue, you ran a contest to create subtly phrased paradoxes known as "Irish Bulls." (The difference between an Irish bull and any other kind of bull is that an Irish bull is always pregnant.)

I have been waiting patiently, hoping you would run another similar contest, but I can't wait any longer, and am sending in my entry at this time.

During the first Monday Night Football game after the 1982 players' strike, Frank Gifford made the following statement:

"There were 150,000 no-shows around the league yesterday, but there don't seem to be any here tonight!"

Fred C. Pritzlaff  
Milwaukee, WI

## LAUNDRY

*If a reader finds a significant error of fact or a mistake that affects the play of a game, and we agree the slip needs to be laundered, we'll print the first or best letter and send the writer a GAMES T-shirt.*

### MAY

Part of your Magic Rings puzzle (page 35) vanished into thin air. The missing link should connect the top right spaces from the bottom ring.

Mike Byrne  
Notre Dame, IN

## EVENTS

*If you plan to attend any of the following events, write or call to check entry fees, dates, sites, eligibility, etc. Include a SASE with your request. If you know of other events suitable for this column, write to Events, c/o GAMES.*

### JUNE

#### DAY OF THE MONTH: JUNE 17

The purpose of "World Sauntering Day" is to revive the lost art of Victorian sauntering. Certificates will be awarded on the basis of elan, panache and compliance with standards of Grand Hotel sauntering (speed not a factor). CONTACT: World Sauntering Society, W. T. Rabe (Chief Stroller), Grand Hotel, Mackinac Island, MI 49757.

**CHESS** The 16th annual World Open will be held June 26-July 4 at the Adams' Mark Hotel in Philadelphia, Pennsylvania. The record-breaking guaranteed prize fund of \$200,000 includes a \$25,000 first prize for the Open winner and six \$10,000 prizes for the winners of certain sections, eligibility for which is determined by a player's rating. Entry fees vary. CONTACT: Continental Chess Association, 450 Prospect Ave., Mt. Vernon, NY 10553.

### GAME CONVENTIONS

• Campcon VI, June 4, will feature many of the more popular role-playing games including Advanced Dungeons & Dragons, Call of Cthulhu, and Champions. There will also be wargames, boardgames, and miniatures. Special attractions will include a Lazer Tag Tournament, dealers tables, movies, and prizes. CONTACT: Kevin B. Sager, Box 833, Astoria, IL 61501 or call (309) 329-2934.

• About 2,000 gamers are expected to attend Michicon Gamefest '88, June 10-12 at the Southfield Civic Center in Southfield, a northern suburb of Detroit. Sixty board game and miniatures events will be featured along with 25 roleplaying events. Entry fees range from \$7 to \$9. CONTACT: Metro Detroit Games, P.O. Box 656, Wyandotte, MI 48192.

**MARBLES** Aiming for national honors plus a \$200 scholarship, about 50 young boys and girls, age 14 and under, from across the U.S. will be competing in the 65th annual National Marbles Tournament. The marble game played in the national tournament is called Ringer. Ringer is played by placing 13 marbles in the form of a cross in a ten-foot circle, with players alternating shots. The winner is the player who is first to shoot seven marbles out of the ring. Entry fee is \$100 and includes accommodations. CONTACT: C. Eugene Mason, Director, National Marbles Tournament, City Hall, Cumberland, MD 21502 or call (301) 759-6441.

### JULY

#### DAY OF THE MONTH: JULY 22

The purpose of Spooner's Day is to honor the Reverend William Archibald Spooner

(born in London, July 22, 1844; warden of New College, Oxford, 1903-1924; died at Oxford, Aug. 29, 1930), whose frequent slips of the tongue led to the coinage of the term "spoonerism" to describe them. A day to remember and emulate the scholarly and gentle man whose accidental transpositions gave us: Blushing crow (for crushing blow), tons of soil (for sons of toil), queer old dean (for dear old queen), swell foop (for fell swoop), and half-warmed fish (for half-formed wish).

**CRIBBAGE** The 15th annual National Open Cribbage Tournament will be held July 30, 31, and August 1, at the North Raleigh Hilton, Raleigh, North Carolina. Entry fee is \$55 and the deadline for entries is Friday, July 15. Prizes are expected to exceed \$25,000. CONTACT: National Open Cribbage Tournament, P.O. Box 12800, Raleigh, NC 27605 or call Nick Pond at (919) 890-6064.

**CROSSWORDS** Puzzle purists are invited to join *GAMES* contributors Stanley Newman and Merl Reagle on an eight-day cruise and puzzle party, July 24-31, on the Homelines Atlantic. Sanctioned by the American Crossword Federation, the cruise will feature exciting puzzle events including a two-day crossword tournament, trivia, word games, and workshops on creating, solving, and editing crosswords. CONTACT: Cruise Time, 320 East 57th St., New York, NY 10022 or call (212) 421-5447.

**MAH-JONGG** The "World Series of Mah-Jongg" will take place July 8-10, 1988 at the Raleigh Hotel in South Fallsburg, New York. The competition will be limited to 20 teams. Priority registration will be given to those who enter as a quartet, but the organizers will try to accommodate all interested players. The hotel will give \$1,000 to the designated charity of the winning quartet. Each member of the winning team will also receive a free weekend for two at the Raleigh. CONTACT: Raleigh Hotel, c/o World Series of Mah-Jongg, Thompsonville Road, South Fallsburg, NY 12779 or call Lewis Shron at (201) 342-7339.

**RACE** They'll be revving their mowers at the 26th annual running of the Twelve Mile '500' Riding Lawnmower Race, July 4, 1988 at Plank Hill Park in Twelve Mile, Indiana. The race consists of 48 laps around a 1/4 mile track. Qualifying races begin on May 31st. Entry fees range from \$12 to \$15. Trophies and cash prizes will be awarded. CONTACT: Keith Hoover, R.R. 1, Box 151, Twelve Mile, IN 46988 or call (219) 664-5581.

### RESULTS

**CHESS** In section B of the New York International Master tournament, Judith Polgar of Hungary—the strongest 11-year-old player in the world—earned her first IM norm, and needs one more such performance for the IM title. By contrast, Bobby Fischer did not earn his title until he was 15. A report on the World Chess Festival appears on page 45.



# GAMEBITS

EDITED BY CURTIS SLEPIAN

## ONE-TRACK MINDS

In a country of pigeon-fanciers and cricket lovers, Britain claims over 200,000 devotees of another curious

pull in, scribbling numbers in their notebooks. Saturdays, Sundays, and school holidays, they travel from one station to another in search of new numbers.

Unlike one faction of train spotters, Lou and Paul

bloke has an extra 50003 loco, he'll swap it with someone else for one he doesn't have. That's cheating." Lou adds, "We don't get along with those types."

Dave, 24, from Bristol, on

sleeps on the journey and then claims the numbers that Dave has seen when he wakes up. "We go to Scotland fairly often," Dave says, "because there are certain classes of train that only run up there."

What is a good day of train spotting? "Collecting 400 numbers," says Lou. By contrast, Dave, who's been spotting since he was eight, counts a good day as 35 new numbers.

Murray Brown, editor of *Rail Enthusiast*, the best-selling of the dozen or so rail-oriented magazines in the UK, says that train-spotting is "very much a British institution. I don't know why exactly."

"Train spotting is a hobby that either grabs you completely or leaves you cold," observes Dave. "I hope I don't get tired of trains. I really quite enjoy it." —Andrea Messina



BOB ROSE

activity. Train spotters are as much a part of British popular culture as pubs, punks, and fish and chips. Frequenting train platforms, clad in parkas and corduroy trousers, binoculars slung around their necks, they busily write the numbers of passing trains in stenography notebooks.

No self-respecting train spotter is without the official guidebook. This pocket-size manual lists the classes and identifying numbers of all locomotives, passenger coaches, freight cars, and "loco"-less trains called "multiple units" that run on British Rail. The numbers are located on the side of each car. The object of train-spotting is to cross off every number in the book. According to Paul, a nine-year veteran at age 15, that takes about six years. And then what? "You start again!"

At London's Paddington Station, a favorite haunt of train spotters, Paul and his friend Lou, 14, run up and down platforms as trains

claim only numbers of trains they've actually seen. "But some people trade numbers," explains Paul. "If one

England's southeast coast, spots on overnight trains to Scotland. He frowns on the tactics of his friend Ian, who

## SPORT OF CALL

Maybe you're a rabid sports fan who finds that scores on TV or radio newscasts just aren't timely enough. Maybe you'd prefer reports on games while they happen, and updates every few minutes.

If so, Beeper Plus, Inc., a company based in Las Vegas, has a product for you. Called The Sports Page, it's a four-ounce, palm-sized "beeper," similar to a portable pager. But instead of being linked to office or home telephone, The Sports Page is tuned in via satellite to Beeper Plus's headquarters, which monitors the wire services for sports scores and sends them out to the pager in a steady stream. Its LED readout can display the running scores of up to 80

sporting events—updated 12 times an hour—at the touch of a button.

"That's not all," enthuses Mark Gintis, Beeper Plus's owner and one of The Sports Page's co-inventors.



A beeper for fans who want to know the score.

"We also send out information on game weather conditions, schedules and game starting times, baseball pitching match-

ups, pre-game injury reports, and horse racing scratches and payouts."

Some of The Sports Page's most enthusiastic users are TV sportscasters. "And because the beeper can double as a regular business pager," he adds, "we also have a lot of casual sports fans using it."

Currently, The Sports Page beeper service is available in Las Vegas, Miami, New York City, southern California, Atlantic City, Philadelphia, Chicago, Boston, Dallas, Houston, and San Francisco. But, like cellular phones, it will be everywhere before long. It costs \$300 to \$360 per beeper unit, plus a monthly service fee (between \$45 and \$75). For more information, contact Beeper Plus at 3900 Paradise, Suite 110, Las Vegas, NV 89109, or call (702) 737-5560.

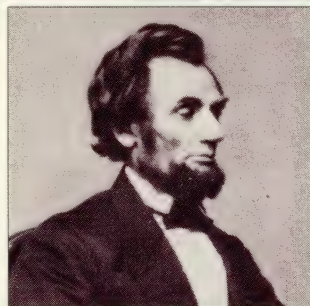
—Michael Rozek



## HONEST, IT'S NOT ABE

Harry Hahn has a face everyone recognizes—but it's not Hahn they recognize. "I look in the mirror and I see Harry Hahn," he says. "But I go out the door and everyone else sees Abraham Lincoln."

Indeed, the 54-year-old



**Which is the Great Emancipator and which is the Great Imposter?**

Hahn bears an uncanny resemblance to the 16th president of the U.S. Seven years ago, he was the hands-down winner of the world's only Lincoln look-alike contest. Since Hahn retired from Caterpillar Corporation two years ago, playing Lincoln has been his full-time occupation.

The similarity between the two men first came to light in 1961, when Hahn, as part of the celebration of the 125th anniversary of his hometown, Mt. Pulaski, Illinois, started growing a beard. His resemblance to Lincoln became so apparent that he was asked to play the President in a local high school play.

When the play's director started making Hahn up for the part, she let out a scream because, she told

him, "The lines on your face are the same as his."

Since then, Hahn the Lincoln impersonator has toured the country delivering Lincoln's speeches and describing his life to schools and various civic and business groups.

Giving additional validity to his image, Hahn has more in common with Lincoln than the lines on his face: "I'm the same height, weight, and shoe size as he was, and I have the same number of children [four]."

Has he ever been tempted to run for office? No, says Hahn, "But some people have said they would write in my name."

—Minda Zetlin

## PIP OF A STATE

Oklahoma has a macho reputation as a hotbed for football and wrestling. It's also the center of a somewhat less rugged kind of competition: dominoes.

Why is dominoes popular in, of all places, Oklahoma? Explains Charles Rieck, a domino buff from Lawton, "It's a game with a long history all over the Southwest. In spite of what you see on TV and in the movies, cowboys didn't carry decks of cards—they carried dominoes. Cards wore and tore and got wet. Dominoes were like rocks; they lasted forever."

Today, almost every town in Oklahoma has a domino tournament each weekend in which players, usually elderly men, match wits playing the standard game. The state also boasts no less than two annual "world championships" (though most of the competitors hail from Oklahoma).

The World International Domino Tournament, in Lawton, traditionally held in March, was begun five years ago by Rieck. "This year, about 100 two-man teams played," he notes, "from morning to night. There aren't any cash prizes—just a trophy, and

the joy of competition."

The state's oldest and biggest "world championship" is the World Domino Tournament, which has taken place each February for the last 42 years in the small town of Carnegie (pop. 2,000). "Some years, we've had as many as 400 two-man teams [women enter, too] playing all day," says Carrol King, the tourney's current president.

The tournament is the biggest thing in Carnegie each year. Says King, "There's no entry fee, the women in town make all the food, the Chamber of Commerce provides the coffee, and the whole thing's always been just for fun." On the other hand, he adds, some of the participants can still get pretty serious: "The good players, they know what that other man's got in his hand."

—Michael Rozek

## TOY WONDER

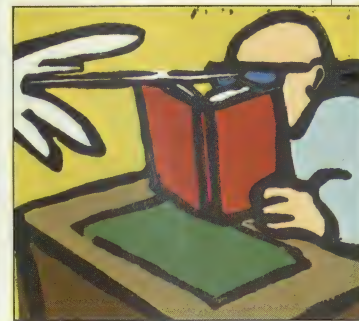
It's a child's—and adult's—wonderland. Every year, toy manufacturers display their latest goodies at the New York Toy Fair.

In addition to the stuffed animals and new board games being promoted last February, there was the occasional toy that was a bit, well, different. Take, for example, the **Cha-Cha Ring** (\$1.49; this and all following prices are suggested retail). Cha-Cha seals a Mexican jumping bean inside a transparent sombrero-shaped ring. Body heat activates the worm within the bean, causing the bean to caper about for about six months, the average life expectancy of the worm. Cha-Cha Company, 20 Dean Road, Brookline, MA 02146.

If you want to know your future but there's no Gypsy handy, consult the **Enchanted Talking Crystal Ball** (\$34.95). Passing your hand over the clear orb turns it on. Another pass activates a

computer voice that responds with one of 28 random answers to anyone's questions. Techniart Inc., P.O. Box 500, Unionville, CT 06085.

**The Glazier** (\$5.95) is an eye-tech squirt gun. This pair of sunglasses is connected by a tube to a hand pump. Squeezing the trigger directs a stream of water from the nozzle above the nosepiece to a target up



to 30 feet away. With the Glazier you'll look cool and make someone else feel cool. RTC Toy Company, P.O. Box 1684, Santa Monica, CA 90406.

Giving birth to a new concept in doll realism is Sum International, makers of **Samantha** (\$19.95). Sam looks like an ordinary doll with a big belly—but remove the cup cradling her stomach and you'll discover two baby dolls. Samantha comes dressed in little overalls. The babies come au naturel. Sum International, Cabiv VC., P.O. Box 76145, Caracas 1070, Venezuela.

Model railroaders, one suspects, would like nothing better than to ride inside their toy trains. Thanks to Lionel, their fantasy can almost be realized. **The Rail Scope** is a miniature video camera that's mounted inside the cab of a model locomotive to show the engineer's point of view. The video picture is carried along the rails—and can be picked up by any TV. Rail Scope is available in Large Scale (\$500), 0/27 (\$450), and HO (\$400). Lionel Trains, Inc., 26750 23 Mile Road, Mt. Clemens, MI 48043.

—Marshal M. Rosenthal



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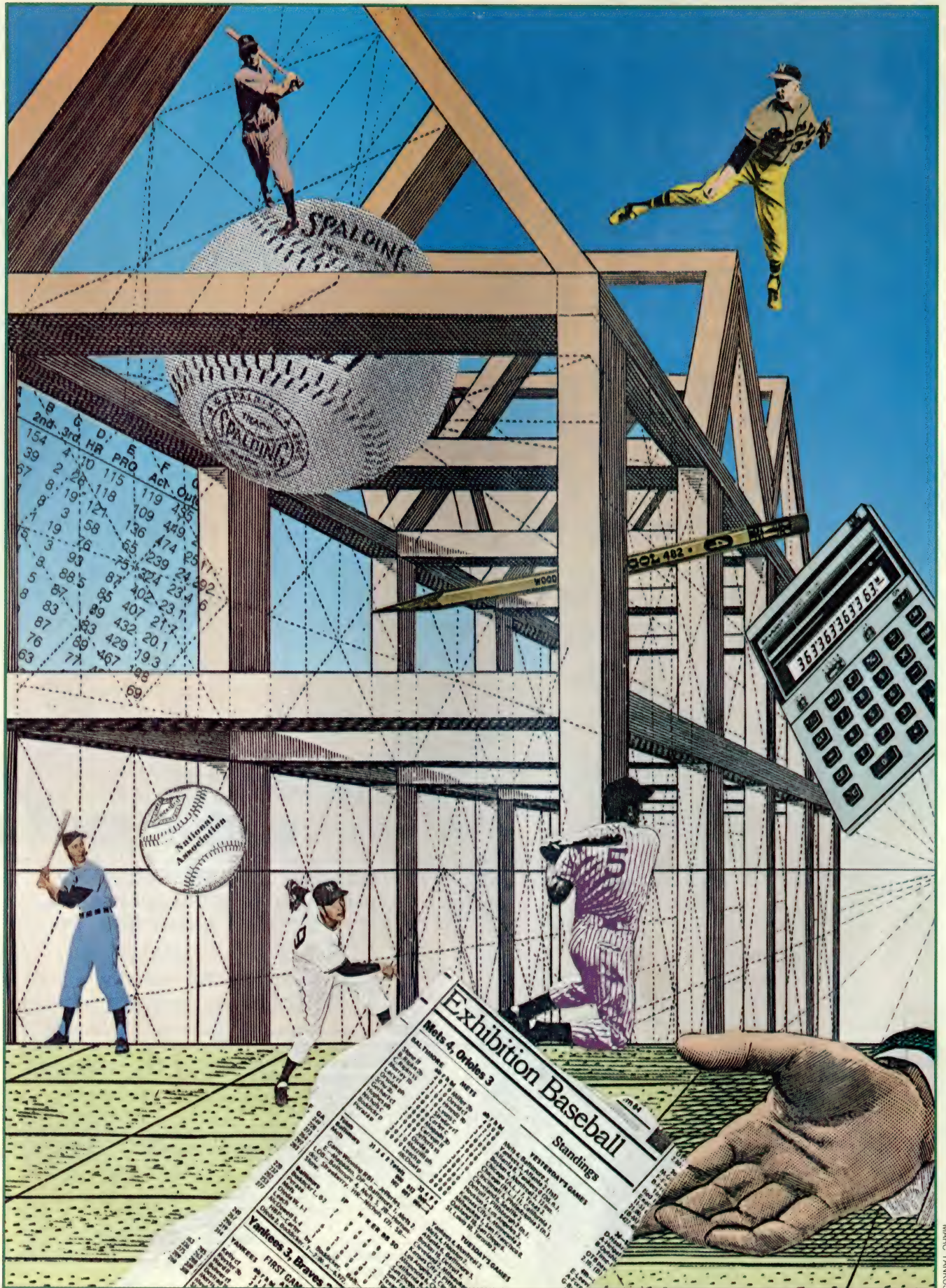
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MARC YANKUS



# Ballpark FIGURES

To some baseball lovers, it's not how you play the game,  
it's how you play with the game's statistics.

B Y G R E G R O S S

**B**aseball, as every red-blooded American knows, is played on a field with a bat and a ball. But baseball is also played on paper and computers with numbers and decimals. The name of this game within a game is statistics, and to some fans, it is more engrossing and more real than the action on the field.

Most sports keep statistics, but baseball statistics are in a league by themselves. Sometimes they affect how the game is played. To make strategic decisions, Earl Weaver, former manager of the Baltimore Orioles, didn't rely on hunches. Instead, he pored over tattered notecards covered with numbers that showed how his hitters fared against the other team's pitchers in seasons past.

Statistics are so important, they often help establish—sometimes in court—the salaries of baseball players. In 1981, for example, Steve Trout brought mediocre pitching stats to his salary arbitration case. His agent turned to famed statistician Bill James to help his client. James proceeded to show statistically that if Trout had had a more able team behind him, he would have won six more games the previous year. The judge ruled in Trout's favor.

Stats allow baseball broadcasters to fill up airtime during dull moments. They're vital to Las Vegas bookmakers and bettors, who try to unearth the winning edge in an avalanche of numbers. At the ballpark, many fans keep box scores, and those who don't attend scrutinize newspaper box scores to give

the game shape in their imagination.

Even players fall in love with stats: Hitting .300 or winning 20 games is a standard by which they are judged. No other sport has as many records as baseball, and breaking one can induce a kind of ecstasy: Pete Rose actually cried on first base after delivering the 4,192nd hit of his career, the record for most lifetime base hits.

The more baseball indulges its statistical obsession, the more one questions their purpose. Do they just dryly describe what happens on the field? Or do they have a life of their own?

Consider the case of San Diego Padre Garry Templeton. In 1979, he had a chance to become the only hitter in the annals of the major leagues to get 100 hits batting righthanded and 100 hits batting lefthanded in one season. When September rolled around, he had tallied 100 lefthanded hits. So, in pursuit of the record, he began to hit exclusively righthanded—even when it put him at a possible disadvantage.

As it turned out, Templeton reached his mark. But some people didn't think much of his lust for statistical glory. Said Steve Hirdt, a statistician for the New York-based Elias Sports Bureau, the main supplier of statistical information to the major leagues, "Any achievement that can be obtained by gerrymandering the normal routine isn't worthwhile. What was the point?"

To answer that question, it helps to understand how arbitrary are most of baseball's statistics. Historians trace them to Henry Chadwick, a reporter for the *New York Times* in the 1860s, who covered the then-new sport for his paper. He had originally taken notes

while covering cricket; when he became interested in baseball, "I began to invent a method of giving detailed reports of leading contests."

By 1870, in both the *Times* and a publication he edited called *The Ball Players' Chronicle*, Chadwick had turned his personal shorthand into a measuring stick for the entire game. His regularly published box scores began to show "hits," "at-bats," and "total bases," noting if runs were scored by clean hits or by fielder's errors. Six years later, at its founding, baseball's National League decided to divide hits by at-bats and call the result "batting average."

After Chadwick, other statistics came into vogue: doubles, triples, strikeouts, walks, stolen bases, sacrifice bunts, hit batsmen, times grounded into double plays. (Earned run average wasn't officially monitored until 1912; runs batted in—invented by a Buffalo newspaperman in 1876—wasn't an official major league stat until 1920.)

What was the best part of these computations? In a time when baseball was a new and baffling game to a majority of Americans, statistics had a sincere, straightforward purpose. They were meant to measure and communicate what went on when the game was played, like a libretto at an opera.

Their down side? Despite their intended use as neutral units, stats were invented—and defended—by subjective, opinionated baseball fans. This made them as unreliable as politicians and as debatable as politics.

Henry Chadwick, for instance, kept track of home runs when he reported games—but he downgraded their importance. "Long hits are showy," he



wrote in 1868, "but they do not pay in the long run. Sharp grounders insuring the first-base certain, and sometimes the second base easily, are worth all the hits made for home runs which people strive for."

With the same rationale, a century later, other people were making cases for their favorite stats. In 1954, baseball executive Branch Rickey advocated a stat he'd devised called "isolated power," computed by totaling a player's extra-base hits and dividing them by his times at bat. In 1964, statistician Earnshaw Cook started promulgating his "scoring index," a statistic intended to revise baseball strategy in line with probability theory; if it had ever caught on, it would have encouraged teams to start games with relief pitchers and restructure batting orders to put their best hitters last. (If you're wondering what this baby was based on, just know it was so complex that only other statisticians ever heard about it.)

There was, however, something noble in these new statistics: an attempt to express the game's ultimate reality by quantifying it. And by the late 1970s, a number of even more dedicated baseball statisticians—mostly unpaid fans working out of their homes—were expanding the tradition. Today, 6,000 of them belong to a group called the Society of American Baseball Research (SABR), which allows them to publish and discuss their theories, much like English Ph.D.'s who scavenge Chaucer's work for scholarly papers. They've even lent the initials of their organization to the word that describes this kind of baseball number crunching: sabermetrics.

Which is where Craig Wright, a 35-year-old, mild-mannered sabermetrician enters the game. Late at night in December, Wright sits in his Dallas apartment, studying the figures flashing on his impressively large home computer. "A sabermetrician," he is stressing with emotion, "is not a statistician. We're not interested in stats for their own sake, but as one way—along with logic, rules of evidence, other known information, and common sense—to figure out the truth about a point."

With that said, Wright turns to his computer to show a visitor what he means. As a morass of digits comes up on the screen, he begins a narration. "You

can look at these numbers and see that in 1987, Toronto led the American League in earned run average (ERA) by its pitchers out of the bullpen. And you can see their relief pitchers pitched fewer innings in each appearance than those on any other staff in the league.

"What's your first impulse, putting those two stats together? To say that the key to good relief pitching is working a bullpen in small doses. But look at California's statistics. Their bullpen's ERA was only slightly higher than Toronto's, but they used each pitcher a lot longer in each appearance.

"So which is better, you wonder: using relief pitchers in small doses or larger ones?" At this, Wright pauses. "Here," he says intensely, "is where you leave the numbers and bring in what else you know. I know, for example, that

*There was something noble in these new statistics: an attempt to express the game's ultimate reality by quantifying it.*

Toronto has better relief pitchers than California. Considering that, I have to think it's more significant that you can get a lot of mileage out of a group of not-so-great relievers—like California's—by leaving them in games a little longer.

"Will I etch that theory in stone? No. I'll use it as a way of interpreting more statistics. Eventually, if it keeps testing out, I'll offer it as something significant to the people who hire me."

That's the charm and depth of a sabermetric endeavor. By crediting stats as they relate to baseball's reality and not as icons in themselves, it assigns them what may be their true place in the sport. On this point, Wright likes to tell a story: "In the mid-1980s, I was working on staff for the Texas Rangers. In looking at statistics of players in the major leagues they might be able to acquire, I got involved with the stats of a pitcher named Greg Harris.

"He had, to be blunt, terrible numbers over most of his professional career. The scouting reports on him said he had

a below-average major league fastball. On the other hand, in his most recent season, I could see a huge jump in his strikeouts. That told me he'd developed some new pitch.

"Then I watched him pitch for the Padres in the 1984 National League Playoffs. I could see that what his stats told me was true—he really did have a great curveball. With that, I advised the Rangers to get him."

They did, and for a season or two Harris was one of the team's most valued relievers. "It's something I feel proud of," says Wright. "I was able to look beyond his ERA and see something in his peripheral statistics that other people missed."

That is much of what sabermetricians are about. As their leading light, Bill James wrote in the 1981 version of his annual *Baseball Abstract*: "Sportswriting draws on the available [statistics], and forces conclusions by selecting and arranging [them] so that they point in the direction desired. But sabermetrics introduces new evidence—previously unknown data derived from original source material."

As such, James and his peers like using their findings in all sorts of ways—for example, amending time-honored baseball laws. "In general," says the 38-year-old James, "stolen bases don't affect a team's overall level of offensive performance very much. But something can be true in an isolated case without having a generalized effect—and, in the case of the 1987 Cardinal team, the stolen base had a real impact.

"In 1987, the number of balks and wild pitches by pitchers pitching against the Cardinals was above normal. So, the Cardinals were able to get the benefits of the stolen bases—because of the pressure it put on the other team's pitcher, and the fastballs he threw the hitters to keep up with the speed of the runners. Sometimes those things can easily be offset by the costs of the running game—when a team takes too many called strikes, for example, just to protect the runners—but in the case of the 1987 Cardinals, who went to the World Series, they weren't."

Similarly, Pete Palmer, another noted sabermetrician, asserts that a runner's attempt to go from second to third when a ground ball is hit—labeled



a "boneheaded" play by all major league managers—actually works to an overwhelming degree, based on the number of times it happens in a typical season. And he doesn't stop there: "It's safer for a pitcher to groove a 3-0 pitch, because hitters rarely get a hit when they swing on that count. And when managers play for one run by having their hitters sacrifice, the numbers show they're generally unsuccessful—even though managers think the opposite."

Then there was the day that James heard NBC-TV baseball announcer Tony Kubek say that Reggie Jackson was at his best before crowds of 50,000 people. Doubting the fact, James tore through 10 years of Jackson's statistics and wound up writing a scholarly report proving the slugger hit better before only 10,000 to 20,000 fans. (Or the time Craig Wright kept hearing a manager criticize one of a team's catchers and constantly praise another. When he checked the relevant statistics, he found that the manager's favorite was really a dud and vice versa.)

As one might expect, sabermetricians enjoy pointing out the limitations of traditional baseball stats. In his book *The Hidden Game of Baseball* (co-written with John Thorn), Pete Palmer tackles RBIs ("They tell how many runs a batter pushed across the plate, but [not] how many fewer he might have driven in had he batted eighth rather than fourth"), the home run ("Statistically, it's as dull as dishwater, because it simply tells you how many, not when or how") and the batting average ("An unweighted average... it does not indicate value to a team").

Both James and Palmer, along with scores of their cohorts, like to invent new stats, which they feel more adequately mirror baseball's reality. One, co-developed by the 50-year-old Palmer (a Boston-area-based engineer for a high-tech company by day) called the "linear-weights system," may be the most accurate ever conceived to measure how many runs players really produce. Based on baseball records between 1901 and the present, it weights offensive events, such as base hits and home runs, according to the amount of actual runs they statistically create.

Bill James has contributed much to new wave baseball statistics. Instead of simply recording wins and losses, for ex-

ample, he keeps track of "come-from-behind-wins" and "blown leads." Instead of just assuming that runs are harder to come by in the Astrodome and easier in Fenway Park, he uses a stat called "park factor," which shows exactly how each stadium affects hitters' performance. At first glance, his *Baseball Abstract* can be as daunting as an algebra textbook, packed as it is with rows of numbers and such obscure formulas as this one for "runs created":

$$\frac{(hits + walks - caught stealing) \times (total bases + .7 stolen bases)}{at bats + walks + caught stealing}$$

To evaluate a team as a whole, he employs "The Pythagorean method" to predict wins and losses:

$$won/lost \% = \frac{(runs)^2}{(runs)^2 + (opposition runs)^2}$$

**At first glance, Bill James's "Baseball Abstract" can be as daunting as an algebra textbook, packed with obscure formulas.**

More than developing an alternative statistical vernacular, sabermetricians have managed to create, through the complexity of their numbers and analyses, a long-hidden, three-dimensional picture of baseball. "The difference between scientific knowledge and personal knowledge," says Bill James, assessing the saber-rattlers' contributions, "is that personal knowledge can be kept to oneself and scientific knowledge cannot. If it has value, that scientific knowledge will inevitably spread from where it began to where it is needed."

In a small, grudging way, baseball is coming to accept sabermetric insight. Pete Palmer has designed statistical computer software used at various times by the Orioles, White Sox, Yankees, Red Sox, Phillies, and Braves. Craig Wright sells his sabermetric research to several major league clubs. (Wright and Palmer are the lucky ones, along with James, who makes a living from his writing. Most of the members of SABR

pore over baseball stats and develop their theories for no pay and little recognition, simply as a hobby and for the love of the game.)

On the other hand, sabermetrics can't predict everything. For example, Greg Harris eventually developed elbow trouble that may have been caused by the way he flicked sunflower seeds into the stands while he was in the bullpen waiting to pitch. As of this writing, Harris is pitching in the minor leagues.

The human quality in baseball may explain why sabermetricians aren't consulted more often by major league teams and are unknown to most fans. Baseball is a quirky, romantic sport. Most baseball people and fans are reluctant to computerize it, to make an unpredictable game seem predictable. Statistics are used—but only to a point. "It seems

like no major league managers want to be identified with sabermetrics," says Dick Cramer, a St. Louis scientist and software designer, who has developed stat software used by a few major league clubs.

San Diego Padres' manager Larry Bowa is a traditionalist. "I'm from that old school which says, 'You throw the ball, you hit the ball, you catch the ball and run.' I believe in statistics to some extent. But when the game is taken over by computers, then the fun is gone and the strategy involved is out the window."

Because a lot of people in baseball agree with Bowa, the same statistics we've grown so comfortable with in the game—from home runs to RBIs—are likely to persist in their one-dimensional glory, while others that could actually make the game more intelligible will molder on Craig Wright's floppy discs.

But maybe that's for the best. This summer, when I turn on the radio and catch the Seattle Mariners playing the Red Sox, I know Dave Niehaus, the Mariners' announcer, is going to say "Hello everybody... leading off for the Red Sox is Wade Boggs, hitting .338..." Does that ".338" explain why Boggs is such a good hitter? No.

Even so, the numbers sure sound comforting, part of the continuum of every summer I've ever lived and every game I've ever heard.

Whatever his statistics, batter up. ■

*Greg Ross is a baseball writer who lives in the Pacific Northwest.*





# SCREEN PLAY

Can You Identify the "Best Picture" Academy Award Winners  
in Which These Scenes Appear?



BY JEFF MORAN



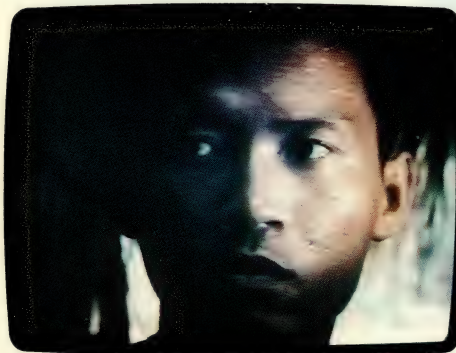
1



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8



9



Last month we held our annual Oscar screening party. With plenty of popcorn and Visine on hand, we sat back and played videotapes of 18 films, each an Academy Award winner for best picture of the year. Sorry we couldn't invite you (just not enough chairs to go around), but we can show you a single moment from each of those Oscar-winning flicks. How many can you identify? Guess at least 12 and you win an Oscar for the year's best solver of cinema trivia.

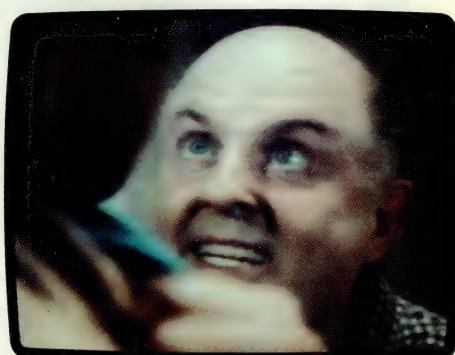
ANSWERS, PAGE 56



10



11



12



13



14



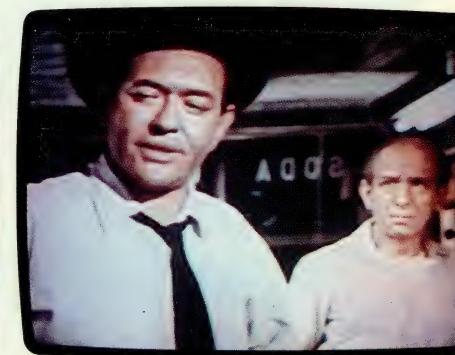
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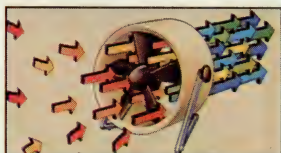
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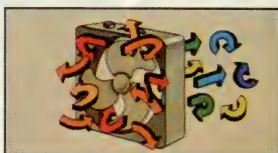
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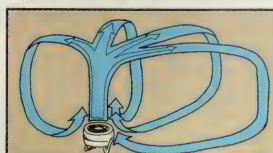
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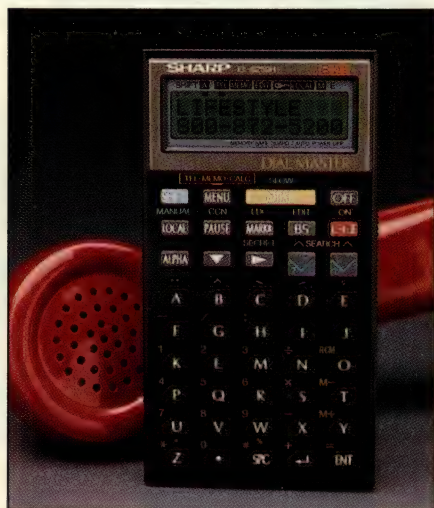
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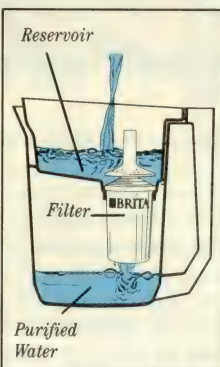
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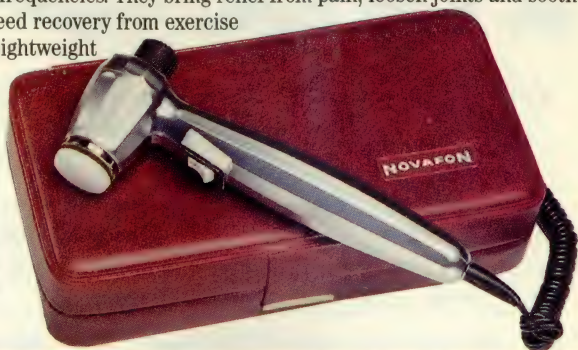


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# Ice Cream,

## WE ALL SCREAM FOR THIS QUIZ À LA MODE

☆☆

BY BURT HOCHBERG

No one knows for sure where or when ice cream originated—but who cares? The important thing is that it's cool and sweet and comes in umpteen flavors. Before you eat some, see if you can lick these questions about America's favorite dessert.

ANSWERS, PAGE 56

**1** Year after year, sales figures and surveys indicate that the most popular ice cream flavor is

- a) vanilla
- b) chocolate
- c) coffee
- d) strawberry

**2** Which age group consumes the most ice cream, eating it an average of 56 times a year? And which group consumes the least?

- a) 6-12
- b) 13-18
- c) 19-34
- d) 35-54
- e) over 55

**3** On average, according to a recent study, those who consume the most ice cream

- a) are well educated and well paid
- b) live in a warm climate
- c) own pets

**4** And the region with the highest per capita ice cream consumption is

- a) the South
- b) the Midwest
- c) the West coast
- d) New England

**5** According to the *New York Times*, the average American consumed how much ice cream, including sherbets and ices, in 1987?

- a) 22 pints
- b) 22 quarts
- c) 22 gallons
- d) 22 tons

**6** Häagen-Dazs, as you know, is manufactured right here in the U.S. The words, however, mean

- a) "frozen dessert" in Swedish
- b) "good humor" in Danish
- c) "happy days" in Norwegian
- d) nothing

**7** Another rich ice cream brand with an odd name is Frusen Glädjè, which means

- a) "frozen delight" in Swedish
- b) "happy freshness" in Danish
- c) "ice cream" in Finnish
- d) nothing

**8** Without using your tongue, arrange the following fruit flavors in the order of their popularity in sherbet:

- lime
- lemon
- orange
- pineapple
- raspberry

**9** Eskimo Pie, a name trademarked in the 1920s, was the first

- a) ice cream sandwich
- b) chocolate-covered ice cream bar
- c) ice cream manufactured in Alaska
- d) ice cream made from whale blubber

**10** Frank Epperson accidentally left a glass of lemonade with a spoon in it overnight near an open window in the middle of winter. In the morning, he found that he had discovered

- a) the frozen daiquiri
- b) the Popsicle
- c) a great way to cool his kitchen

**11** The ice cream cone, according to the best evidence, came into being at the 1904 St. Louis World's Fair, when an ice cream concessionaire ran out of serving dishes and, in a panic, borrowed a supply of these from a neighboring concession:

- a) rolled-up newspapers
- b) hamburger buns
- c) Syrian waffles
- d) éclair shells

**12** He began his career in 1925, making high-quality ice cream in a Massachusetts basement and selling it in a store bearing his name. Local businessmen soon began buying supplies from him and paying him for the right to use his name. As a result, he became the acknowledged father of the U.S. franchising industry. His name?

- a) Louis Sherry
- b) Wentworth ("Wendy") McDonald
- c) Howard Johnson
- d) F. W. Woolworth

**13** The Good Humor Corp. was founded by a man named Harry Burt, who chose the name Good Humor because

- a) he believed that "the humors of the mind are regulated by the palate"
- b) before emigrating to the U.S. from his native Germany, his family name was Gutjuhmer
- c) he thought the phrase would put customers in a good mood so they would want to buy ice cream
- d) it was the name of the restaurant where he had been given his first job

**14** If you keep ice cream tightly covered in your freezer and maintain a temperature of zero degrees Fahrenheit, how long will the ice cream stay fresh, according to the National Dairy Council?

- a) 2 days
- b) 2 weeks
- c) 2 months
- d) 2 years





# More Scream

**15** According to federal law, ice cream must contain at least 20 percent

- a) vitamin D                      c) butterfat
- b) sugar                              d) ice

**16** Federal law also requires that, to be labeled "French," ice cream must contain

- a) eggs                              c) milk from
- b) brie                                French cows

**17** History tells us that Washington, Jefferson, and other fathers of our country loved ice cream just as much as we do. But who do you think was the first First Lady to serve it at a White House state dinner?

- a) Lucretia Garfield
- b) Mary Todd Lincoln
- c) Dolley Madison

**18** Richard Nixon, in addition to his other problems, had to have his favorite ice cream flavor flown in from Hawaii because it was unobtainable in Washington. That flavor?

- a) poi and pineapple
- b) mahimahi mint chip
- c) macadamia nut

**19** During the Vietnam conflict, U.S. military leaders came up with a stroke of generalship rarely equaled in the annals of war—"Operation Deep Freeze," which was a plan to

- a) demoralize the North Vietnamese by using thermal bombs to melt their ice cream supplies
- b) send tainted ice cream into enemy-held areas
- c) install 30 ice cream plants near Pleiku to boost U.S. servicemen's morale

**20** U.S. airmen in Britain during World War II would stow ice cream mix in the rear gunners' compartments of their B-52s because

- a) ice was scarce, and this was the fastest way of transporting the mix before it soured
- b) the combination of high-altitude freezing and aircraft vibration made the ice cream especially smooth
- c) the creamy mix formed a perfect buffer for the live ammunition kept there, preventing it from detonating if hit by enemy fire

**21** The famous violinist Jascha Heifetz once had his lawyer swear out a complaint against Good Humor because

- a) the stick in a popsicle splintered in his mouth and injured his gums
- b) the ice cream melted too quickly and dripped on his Stradivarius
- c) the bells on the Good Humor trucks prowling his neighborhood made too much noise

**22** The ice cream sundae originated around 1890, give or take a few minutes. Although evidence about its origin is both sketchy and contradictory, the most commonly accepted theory is that

- a) blue laws in the Midwest prohibited the sale of soda on Sunday, so on that day fountain owners served "soda-less sodas," consisting of ice cream, syrup, fruit, etc.
- b) fountain owners received ice cream fresh from local dairies on Mondays, and on preceding Sundays they got rid of the week's leftovers by serving combinations of random flavors topped with syrup, etc., etc.
- c) the concoction was a favorite family dessert of the evangelist Billy Sunday, who published the recipe and lent it his name

**23** The term "soda jerk" comes from the fact that

- a) fountain workers typically wore a type of apron called a jerkin
- b) servers had to jerk the soda machine's lever to dispense the soda
- c) "jerk" was a rude but common term for a waiter in the 1920s, and the source of the still rude and common term for a jerk
- d) the movements of the hardworking servers were rapid and jerky

**24** Soda-jerk lingo was, during its heyday in the 1930s, a specialized vocabulary that served as a shortcut in communications as well as an insider's code. See if you can match the lingo (1-10) with the realities (a-j):

- |                         |                    |
|-------------------------|--------------------|
| 1. Chicago              | 6. white cow       |
| 2. burn one all the way | 7. Hoboken special |
| 3. in the hay           | 8. black stick     |
| 4. houseboat            | 9. mode mode       |
| 5. black bottom         | 10. black & white  |

- a) chocolate soda, vanilla ice cream
- b) pineapple sundae or soda
- c) banana split
- d) vanilla milkshake
- e) chocolate sundae, chocolate syrup
- f) chocolate ice cream cone
- g) pineapple soda, chocolate ice cream
- h) strawberry milkshake
- i) chocolate shake with chocolate ice cream
- j) pie or cake with two ice cream scoops

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BY WILL SHORTZ

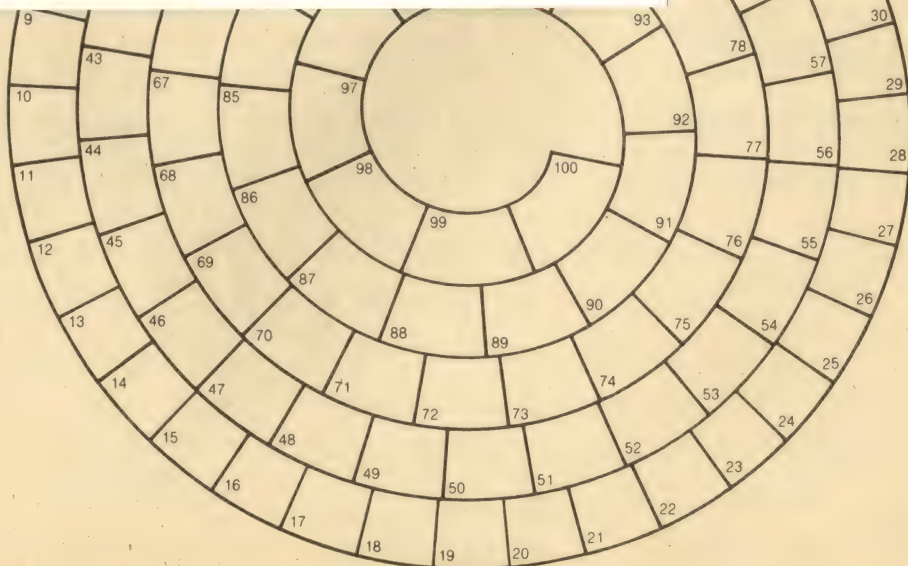
...e, according to the num-  
...f which way you're going

ANSWER, PAGE 60

- 78-86 Actuarial amounts  
87-92 Pearl's source  
93-100 Place of filth

### OUTWARD

- 100-96 Rings  
95-89 They're hush-hush  
88-81 California park  
80-74 Bones and slices, as fish  
73-67 Forgetful fellow  
66-59 Kind of table for a rec  
room  
58-54 Actor Buddy of The  
Beverly Hillbillies  
53-47 Sheer bliss  
46-42 Site of a Biblical tower  
41-37 Exposés  
36-31 Make known  
30-24 ID label  
23-18 Prison VIP  
17-12 Get one's hands on  
11-6 Jockey Eddie  
5-1 First showing





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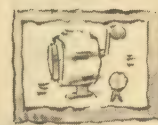
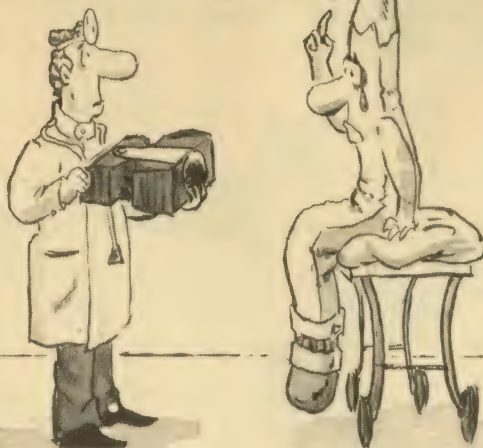
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WORD WHEELS...FIND THE WORD...HIDDEN PICTURES...TRIVIA QUIZZES...MATCH UPS...FILL INS...

EYE BALL BENDERS



# PENCILWISE



## THE SPIRAL ★★

BY WILL SHORTZ

This puzzle turns in two directions. The spiral's Inward clues yield a sequence of words to be entered counterclockwise in the spaces from 1 to 100. The Outward clues yield a different set of words to be entered clockwise from 100 back to 1. Fill

in the answers, one letter per space, according to the numbers beside the clues. Keep track of which way you're going and have many happy returns.

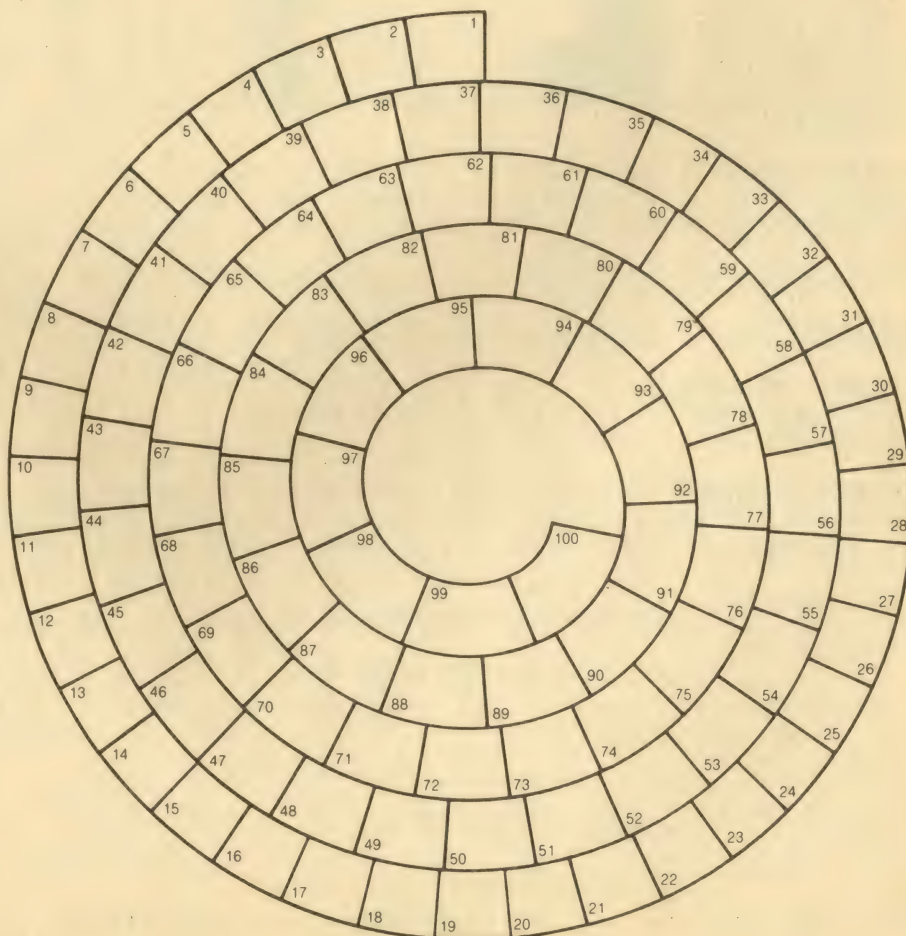
ANSWER, PAGE 60

### INWARD

- 1-4 Word with inner or radio
- 5-8 "Dumb" girl
- 9-14 Skulls
- 15-19 Big, juicy steak (hyph.)
- 20-27 Sluice valve on a canal lock
- 28-34 Femme fatale (hyph.)
- 35-43 Worse than sad
- 44-50 Tended the kids (hyph.)
- 51-56 Divisions of a play
- 57-63 Headboard-footboard connector
- 64-71 Opera texts
- 72-77 Actor Zero
- 78-86 Actuarial amounts
- 87-92 Pearl's source
- 93-100 Place of filth

### OUTWARD

- 100-96 Rings
- 95-89 They're hush-hush
- 88-81 California park
- 80-74 Bones and slices, as fish
- 73-67 Forgetful fellow
- 66-59 Kind of table for a rec room
- 58-54 Actor Buddy of *The Beverly Hillbillies*
- 53-47 Sheer bliss
- 46-42 Site of a Biblical tower
- 41-37 Exposés
- 36-31 Make known
- 30-24 ID label
- 23-18 Prison VIP
- 17-12 Get one's hands on
- 11-6 Jockey Eddie
- 5-1 First showing





## A Well-Rounded Word Search

You'd be well-advised not to skip this word search. Hidden within the grid below are 36 words and phrases, each containing the word WELL. Answers may read across or back, up

or down, or diagonally, but always in a straight line. Best wishes for good solving.

ANSWER, PAGE 60

|                 |   |  |                   |
|-----------------|---|--|-------------------|
| ALL'S WELL THAT | S G N I L L E W D                         |  |                   |
| ENDS WELL       | N W O N K L L E W D O                     |  |                   |
| AMY LOWELL      | G N I N A E M L L E W N L                 |  |                   |
| BEEF WELLINGTON | O G L L E W M U I D E M T L L             |  |                   |
| BOSWELL         | E T N T S D R A C L L E W T E G Y         |  |                   |
| DICK POWELL     | O U R I R E C H G R O U N D S W E L L     |  |                   |
| DWELLINGS       | A N F A R E W E L L C E L L E W O L Y M A |  |                   |
| FAREWELL        | M P                                       |  | P B               |
| GEORGE ORWELL   | S S                                       |  | K S               |
| GET WELL CARDS  | L L                                       |  | C L               |
| GROUNDSWELL     | I L L L L E W M O R C R E V I L O K       |  |                   |
| H. G. WELLS     | E E                                       |  | I D L E           |
| INKWELLS        | W W                                       |  | S U L N B E E A M |
| MAXWELL SMART   | X D                                       |  | S W P A W         |
| MEDIUM-WELL     | A L                                       |  | S E S Y S         |
| NE'ER-DO-WELL   | M A                                       |  | O L U B D         |
| OIL WELL        | Y C                                       |  | F L O R N         |
| OLIVER CROMWELL | Y H                                       |  | O E               |
| ORSON WELLES    | Y O A O U S L L E W R I A T S T W         |  |                   |
| SARAH CALDWELL  | S D R W W E L L S F A R G O W A I         |  |                   |
| SPEEDWELL       | L F A S A W N E W V E N R M E H S         |  |                   |
| STAIRWELLS      | L F S E O L E E I S I S T H L T H         |  |                   |
| WELLAWAY!       | E O E W H N L L A L T E R T L L I         |  |                   |
| WELL-BRED       | W L I L L L W E L L N I G H T L N         |  |                   |
| WELLESLEY       | K L T H B L L E W R O E G R O E G         |  |                   |
| WELLHEAD        | N E E R D O W E L L E W E W D W W         |  |                   |
| WELL-KNOWN      | I W E E L F L R W L E A U N O S E         |  |                   |
| WELL-MEANING    | S D E R E D R O L L E W D D R L L         |  |                   |
| WELL-NIGH       | Y E D E I W E L L W I S H E R L L         |  |                   |
| WELL-OFF        | T H B R Y E L S E L L E W U D A Y         |  |                   |
| WELL-ORDERED    |   |  |                   |
| WELL-READ       |   |  |                   |
| WELL-TO-DO      |   |  |                   |
| WELLS FARGO     |   |  |                   |
| WELL-WISHER     |   |  |                   |
| WELLSPRING      |   |  |                   |
| WISHING WELL    |   |  |                   |



# REVERSE THINKING ★

BY TRIP PAYNE

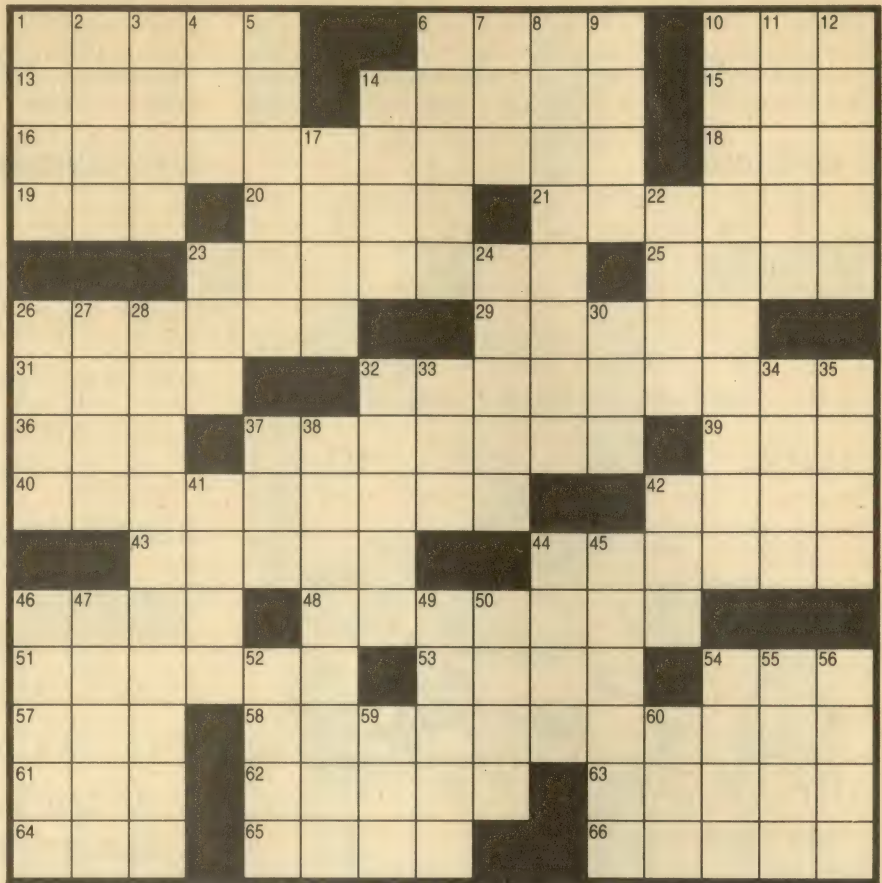
## ACROSS

- 1 Tarpaper shack
- 6 Fountain drink
- 10 Witch
- 13 *Aida*, for one
- 14 Fathers
- 15 Fury
- 16 Tolstoy novel: 3 wds.
- 18 \_\_\_\_ and tonic
- 19 Stallone, informally
- 20 Transvestite's dress
- 21 More reckless
- 23 Kind of cat or twins
- 25 White, as from fright
- 26 At one's \_\_\_\_ (by decree)
- 29 Idol worshipper
- 31 "... pretty maids all in \_\_\_\_": 2 wds.
- 32 Classic Sam Cooke song: 3 wds.
- 36 Humor
- 37 Like some fish or veal dishes
- 39 Put (down)
- 40 1988, 1992, and so on: 2 wds.
- 42 Knock-knock or Polish, e.g.
- 43 Christmases
- 44 Made beer
- 46 Totals (up)
- 48 Hang by \_\_\_\_ (be precarious): 2 wds.
- 51 Small scented bag
- 53 "\_\_\_\_ Lang Syne"
- 54 Suffix with north or east

- 57 "Who am \_\_\_\_ say?": 2 wds.
- 58 1932 Cole Porter hit: 3 wds.
- 61 Actress Dolores \_\_\_\_ Rio
- 62 Boesky and the Terrible, e.g.
- 63 Changes manuscripts
- 64 Actor Byrnes of 77 *Sunset Strip*
- 65 New society ladies, for short
- 66 Baseball's Pee Wee

## DOWN

- 1 "\_\_\_\_ tricks?" (slangy greeting)
- 2 Ring gem
- 3 Quite
- 4 \_\_\_\_ of Good Feeling
- 5 Film director John
- 6 Long, drawn-out attack
- 7 "Are you a man \_\_\_\_ mouse?": 2 wds.
- 8 Reduce
- 9 On the briny
- 10 One way to search: 3 wds.
- 11 *The Tempest* sprite
- 12 Type, as of fiction
- 14 WW2 meat ration
- 17 "Doggone it!"
- 22 Bridge
- 23 Do needlepoint
- 24 "Party animal" \_\_\_\_ MacKenzie
- 26 Cry like a baby
- 27 Albany-to-Buffalo canal



ANSWER, PAGE 59

- |                                  |                            |                                    |                                 |
|----------------------------------|----------------------------|------------------------------------|---------------------------------|
| 28 Blow ____ (be fickle): 3 wds. | 35 Ogled                   | 45 Former <i>SNL</i> actress Gilda | 52 City in Oklahoma             |
| 30 Post-college exam: Abbr.      | 37 "So long!"              | 46 Actor-to-audience remark        | 54 Singer Adams                 |
| 32 It makes dough grow           | 38 One at a family reunion | 47 Went out with                   | 55 White lab animals            |
| 33 Paddle                        | 41 Ritz                    | 49 "Bimbo" Jessica and others      | 56 Wall Street exchange: Abbr.  |
| 34 Auto brand                    | 42 One of the Clampetts    | 50 Wheel tracks                    | 59 Gift of ____ (talkativeness) |
|                                  | 44 Bartok or Lugosi        |                                    | 60 Ike's monogram               |

# THE SIGNS OF IT ★

BY SHAMLU DUDEJA

This puzzle should elicit a number of sighs from you—14 of them, to be exact. That's because the answer to each clue is a word beginning with the *sound* SIGH. For example, the clue

"Quiet state" would lead to the answer SILENCE, while "Cod-ed message" would be CIPHER. If you have trouble sizing any of these up, you'll find all the answers on page 56.

- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| 1. Police car sound _____           | 8. 1948 Triple Crown winner _____    |
| 2. Ho Chi Minh City, formerly _____ | 9. Soviet exile site _____           |
| 3. Playwright Neil _____            | 10. Chemist or physicist, e.g. _____ |
| 4. Tornado-like storm _____         | 11. Mideast peninsula _____          |
| 5. Apple drink _____                | 12. Mythical one-eyed monster _____  |
| 6. 1960 Hitchcock thriller _____    | 13. Agatha Christie poison _____     |
| 7. Thailand's old name _____        | 14. Grass-cutting tool _____         |



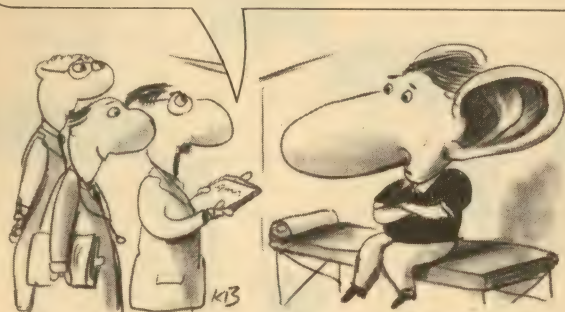
Below are seven messages—consisting of pithy sayings, fascinating facts, and a cartoon gag—that have been translated into simple code alphabets. Letter substitutions remain constant throughout any one cipher, but change from one cipher to the next, and the level of difficulty increases as you progress. An asterisk (\*) indicates a proper noun.

Clues are given at the bottom of the page to provide assistance if you need it.

ANSWERS, PAGE 59

## 1. CRYPTOON

M'Z UTPNPT BS CRXP LSGT  
HSOP RHZ PRTO OCRWWPT,  
AGB CL QSWWPRYGPO BVMHX  
DP OVSGWZ IGOB CRXP BVP  
TPOB SN LSGT VPRZ AMYYPT.



## 2. DON'T GIVE UP

"INFPHCGR'T AJPGRA AD  
GRHZCG TAGQT LCDQ ANGFC  
FMRDCJRIG DL  
JPAGCRJAFYGT." KV \*QJVV  
\*JRMGPDZ

## 3. PREMONITION?

YD Y OVQ, \*ULFI  
\*YJCJDECVUZ XYM Y  
CLNWCCFUZ MCLYJ EXYE, OQ  
XVIMFUZ XFD OCLYEX, XL  
NVWIM KIVYE VTLC EXL  
ZCVWUM.

## 4. FORTUNE-MAKERS

QL DXTU YBTBAQFU  
GXKMQHDQFT LQOY NLLUOH  
JNX RNG-MUIUM GNHQRQNF,  
QR YQTDR KU RDU  
NGGNORXFQRJ NL B \*RQYU-  
\*MLU.

## 5. SEPARATE CHECKS

JXBESIBKAFEX DUF EJ  
WAXGUKAW JUFA TETPAAF  
PEDAJ—AUXB YAKJIFUGEPR  
MUJ JAAEFC U WETTAKAFP  
YJRXBIGICEJP.

## 6. MILITARY TIME

QJDH RMQLMJ, LMWXLXCA  
GOXWO VETQL VOKTRL RMQL  
FOM KFOMJV, SJKWRQXDV,  
"FOXV QTATVF FOXJL DQH  
ZXJVF DQJWO ZKJFO."

## 7. I'VE BEEN FRAMED

XYMFDIWO XGKER XKDVYR  
XNTGFHGO XVKFMWM  
XWVBWHD XYVDVKFD,  
XVFIKDWGO XVRYNRHWM  
XKFRDWV "XVYQFLFYNMGO  
XKFQ XNDDWVWV."

## TIPS AND CLUES

Cipher 1: A single letter followed by an apostrophe is likely to be 'D or 'M. Try 'D here. Bonus hint: Cipher text P, appearing 14 times, represents plaintext E.  
Cipher 2: Compare ciphertexts LCDQ and DL. Try FROM and OF.  
Cipher 3: Compare ciphertext EXL with EXYE, which begins and ends with the same letter. If EXYE = THAT, what will EXL be?  
Cipher 4: The third letter from the end of long words is often I, as part of suffixes -ING, -ION, -ITY, -INE, etc.  
Cipher 5: Cipher text A, appearing 13 times, twice doubled, is a good bet to be plaintext E.  
Cipher 6: Bigram FO, appearing in five words, one of them a three-letter word starting FO, is likely to represent plaintext TH.  
Cipher 7: The five vowels, A, E, I, O, and U, are represented by F, K, N, W, and Y, though not necessarily in that order.

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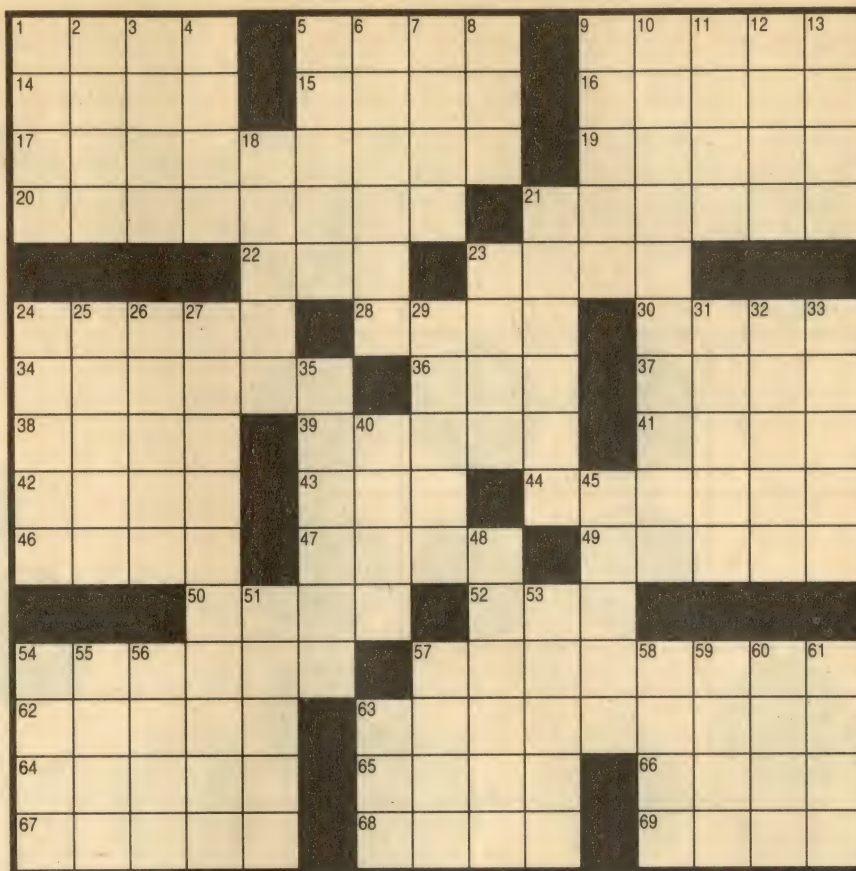
## ACROSS

- 1 Implores
- 5 Lamb serving
- 9 Say "Yes"
- 14 Adjective for 1988
- 15 Pay attention to
- 16 Swimming woe
- 17 EEE
- 19 Cloth fiber
- 20 Fragrant flower
- 21 Auto dealer's lure
- 22 Kind of nail or hold
- 23 Ritzy
- 24 Serious play
- 28 Footballer Flutie
- 30 Actor Sharif
- 34 Flea market transaction
- 36 Old pro
- 37 Fill up the truck
- 38 Infamous Idi
- 39 Los Angeles basketballer
- 41 Senate GOP leader
- 42 Mini's big sister
- 43 "We \_\_\_\_ the World"
- 44 Crosses the plate
- 46 Short distance
- 47 Bowler's targets
- 49 Blazing
- 50 Bear in the air?
- 52 Row one's boat
- 54 \_\_\_\_ Jean King
- 57 Football position
- 62 Ryan or Tatum
- 63 TTT
- 64 Condition
- 65 Actor Ray

- 66 "An apple \_\_\_\_" 2 wds.
- 67 Sweetie-pie
- 68 Church service
- 69 Reveal

## DOWN

- 1 Boring
- 2 Hard to hold
- 3 Festive
- 4 Blueprint, for short
- 5 Pants material
- 6 Like some discussions
- 7 Inauguration recital
- 8 \_\_\_\_-med student
- 9 Farmland units
- 10 CCC: 3 wds.
- 11 Arthur C. Clarke's *Rendezvous with \_\_\_\_*
- 12 Send out
- 13 Fencing sword
- 18 Of crucial importance
- 21 Astaire's dancing partner
- 23 Brownish purple
- 24 Small saloon orders
- 25 Send payment
- 26 In reserve
- 27 UUU
- 29 "The Old \_\_\_\_ Bucket"
- 31 Native New Zealander
- 32 Mouth organist Larry
- 33 Della or Pee Wee
- 35 Pass by



ANSWER, PAGE 56

- 40 Pavarotti solo
- 45 Rhea Perlman's *Cheers* role
- 48 Long Island and Puget
- 51 TV oldie *The Life of \_\_\_\_*
- 53 Choir members
- 54 Poppycock
- 55 Obsessed with
- 56 Favor, but not wholeheartedly (with "toward")
- 57 One-time White House pooch
- 58 Tell all
- 59 Verdi heroine
- 60 Russian emperor
- 61 *Kung Fu* actor Luke
- 63 Soft cap

# RUFFLED FEATHERS ★★★

BY DIERK RAKULA

Complete each of the 10 numbered words below by taking one of the bird names in the shaded box, rearranging its five letters, and placing them in one of the sets of blanks. No

proper names are allowed. Can you ruffle the feathers the right way and complete the words?

ANSWERS, PAGE 56

## Birds

|       |       |       |        |       |
|-------|-------|-------|--------|-------|
| BRANT | CRANE | EAGLE | EGRET  | EIDER |
| GREBE | HERON | RAVEN | SNIPES | STORK |

1. CO \_ \_ \_ \_ AND
2. POL \_ \_ \_ \_ IST
3. H \_ \_ \_ \_ TY
4. IC \_ \_ \_ \_
5. BACK \_ \_ \_ \_ E
6. UTTE \_ \_ \_ \_
7. U \_ \_ \_ \_ L
8. CLOTH \_ \_ \_ \_
9. \_ \_ \_ \_ NT
10. SHO \_ \_ \_ \_

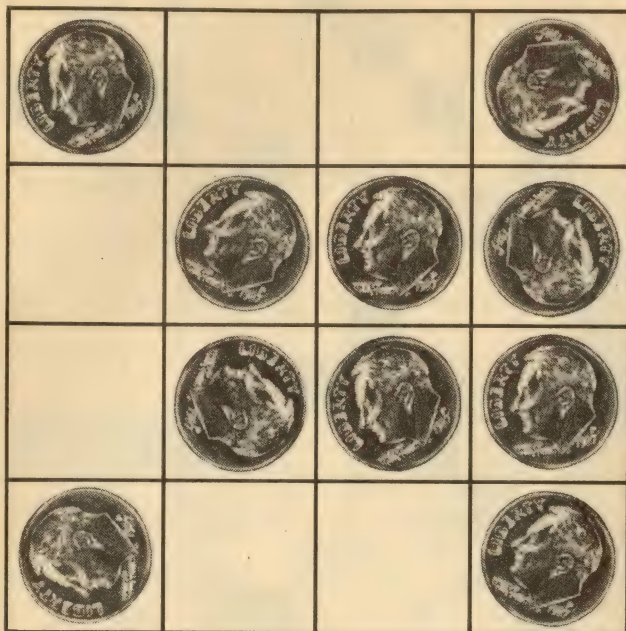


## COIN-OP PUZZLERS ★☆

Some people say that change isn't worth much anymore, but we beg to differ. A quarter still makes a decent tip for a cup of coffee at the diner, a dime can be a handy substitute for a screwdriver, and a penny still makes a darn good electrical conductor. Coins are also valuable in making puzzles, as the

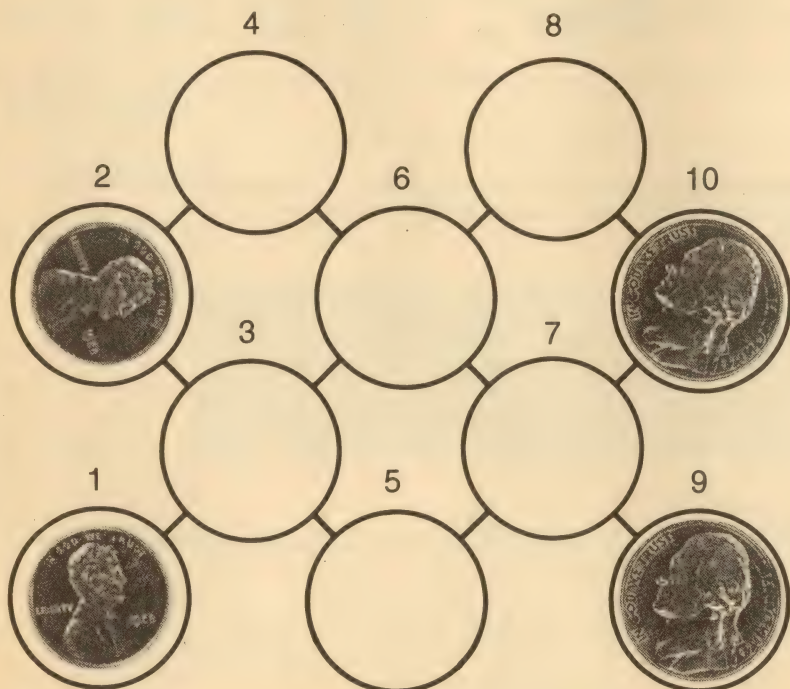
examples on these two pages illustrate. All are classic puzzles from the GAMES Library, except #6, which was recently minted by GAMES editor Scott Marley. It may help to dig into your piggybank, pocket, or purse before you begin.

ANSWERS, PAGE 59



### 1. EVEN SO

Can you move two dimes to empty squares so that each of the eight rows and columns contains an even number of coins?



### 2. BOWLING BALL PENNIES

This tricky brainteaser was created by the celebrated Japanese puzzlemaker Kobon Fujimura. He asks: What is the smallest number of pennies you can remove so that no equilateral triangle of any size will remain? The corners of the triangles are marked by the centers of the pennies.

### 3. SWITCHBOARD

Henry Dudeney, the famous English puzzlist, invented this diabolical problem. The object is to interchange the pennies on circles 1 and 2 with the nickels on circles 9 and 10. You may move the coins—one at a time, and in any order you like—any distance along the lines (but stopping only on circles). The only restriction is that at the end of any move, a penny and a nickel may never lie on the same straight line. (Thus, you must start by moving penny 1 or 2 to circle 3, or nickel 9 or 10 to circle 7.) See if you can find any solution. For a more difficult challenge, try to find the shortest one.





#### 4. ALL DOUBLED UP

Pick up a dime, jump it over the next two dimes on the left or right, and set it down on the following one. By a series of five such jumps, can you arrange these 10 dimes into 5 pairs? The two dimes jumped over may lie separately on the surface or be stacked in a pair. A jump may pass over a gap as well as the dimes.

#### 5. SLIDING PENNIES

To start, arrange six pennies in the triangle shape below. The puzzle is to rearrange them into a hollow diamond hexagon (bottom) in the smallest number of moves. Each move consists of sliding one penny, without disturbing any of the others, to a new position that abuts two other pennies. The coins must remain flat on the surface at all times.



#### 6. FAIR SHARE

Divide the 4 x 4 grid below into two halves of the same shape, each containing the same amount of money.





## STOP THE SPY! ★★

BY SCOTT MARLEY

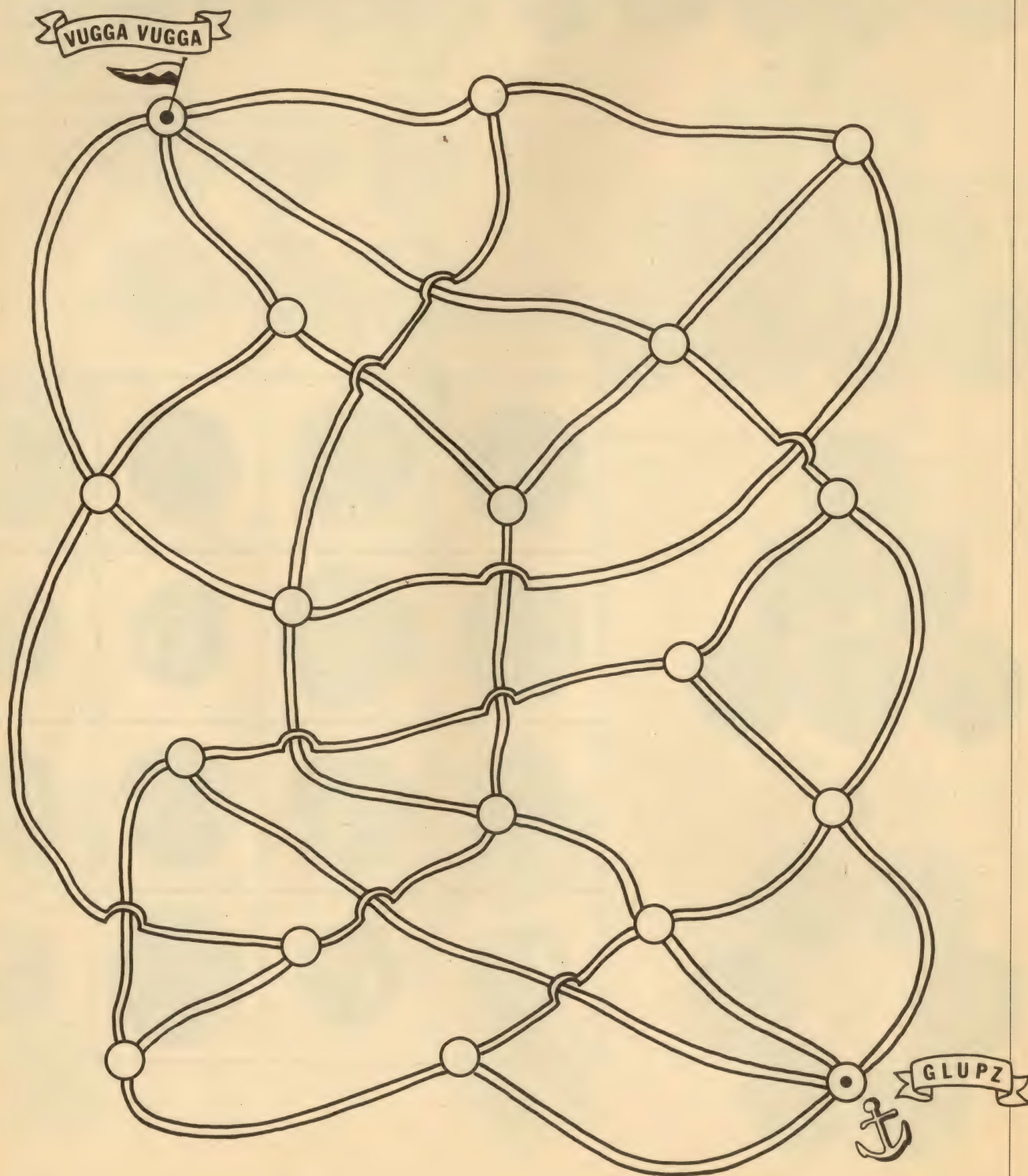
The secret police of Vugglevania are in a panic! Sensitive documents have been stolen from the capital city, Vugga Vugga, and the spy is known to be heading for Vugglevania's only port, Glupz!

The police wish to set up roadblocks between the villages.

Unfortunately, there are only enough officers available for three roadblocks. But if the spy is allowed to leave the country, war will certainly result!

Which three roads should the police block in order to cut off all possible routes from Vugga Vugga to Glupz?

ANSWER, PAGE 59





# PENCILWISE

GAMES  
DELUXE

PLUS

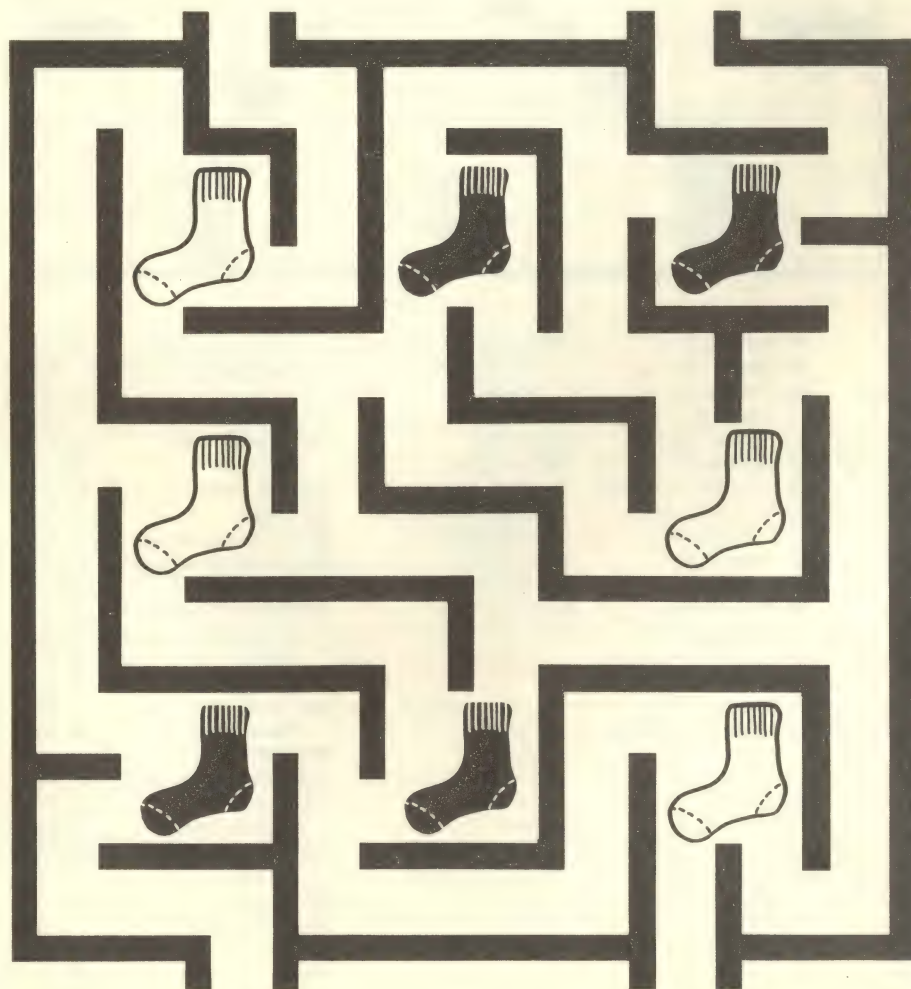
Editor: Will Shortz • Associate Editor: Mike Shenk

## SOCK HOP

*By Dave Phillips*

★★

After last Saturday's dance, eight socks—four white and four black—were found on the gymnasium floor. Can you enter the gym by one of the four doors, pick up all eight socks, and leave, without crossing or retracing any part of your path? There is one restriction: You must pick up the socks in matching pairs. That is, the first two socks you pick up must be the same color, then the next two, etc. Hop to it!

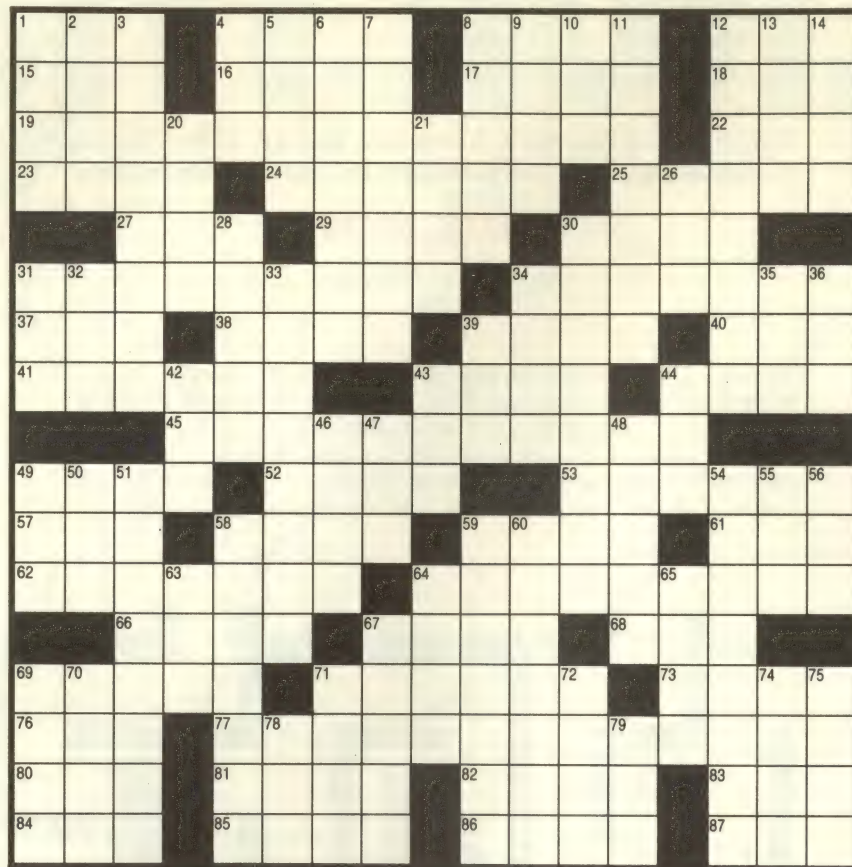


PENCILWISE PLUS ANSWERS BEGIN ON PAGE A14.



# BEEP! BEEP!

By Stephanie Spadaccini





## TOM SWIFTIES

By Gloria Rosenthal



"You'll need a pencil to write in these answers," Tom said *pointedly*. That's an example of a Tom Swifty—a line of dialogue ending with a whimsically appropriate adverb (so-called from Edward Stratemeyer's fictional character Tom Swift, who was inclined to this sort of talk). Twelve more Tom Swifties appear below, each missing the all-important adverb. How many of them can you complete? The first letter of each answer is given as a help.

1. "Your gift is over there," Tom said P\_\_\_\_\_.

2. "Who sprinkled horseradish on my sandwich?"  
Tom asked H\_\_\_\_\_.

3. "I'm breaking out in hives!" Tom cried  
R\_\_\_\_\_.

4. "Go to the back of the boat!" Tom ordered  
S\_\_\_\_\_.

5. "The actor quit the play 43 minutes and 17 seconds  
into the performance," Tom said E\_\_\_\_\_.

6. "Heads or tails?" Tom remarked F\_\_\_\_\_.

7. "We can't wait until dad gets out of the hospital,"  
Tom declared I\_\_\_\_\_.

8. "I just ate six cans of pineapple," Tom said  
D\_\_\_\_\_.

9. "I—guess—I'll—fix—my—car," Tom said  
M\_\_\_\_\_.

10. "You can lead the prayer before dinner," Tom said  
G\_\_\_\_\_.

11. "Mom likes British crosswords," Tom remarked  
C\_\_\_\_\_.

12. "My toothpaste is now all over the floor,"  
Tom moaned C\_\_\_\_\_.



**A MIDSUMMER NIGHT'S DREAM***By Frank Bacon*

Fill in these words and phrases (all relating to Shakespeare's *A Midsummer Night's Dream*) so that they interlock in crossword fashion in the grid. When the puzzle is solved correctly, each word will be used exactly once. A starting hint appears on the bottom left corner of page A14.

**4 LETTERS**

EXIT  
KISS  
LION  
MOTH  
PLAY  
PUCK

PROPS

QUEEN

ROSES

SLEEP

SONGS

WOODS

**6 LETTERS**

ACTORS

ATHENS

BOTTOM

COBWEB

COMEDY

FOREST

HELENA

HERMIA

OBERON

PALACE

POETRY

QUINCE

SPELLS

TAILOR

THISBE

UNITED

WEAVER

**7 LETTERS**

AMAZONS

FAIRIES

PYRAMUS

ROMANCE

SHADOWS

THESEUS

TITANIA

WEDDING

**8 LETTERS**

DEWDROPS

LYSANDER

MISTAKES

**9 LETTERS**

CARPENTER

DEMETRIUS

HIPPOLYTA

MOONLIGHT

WILD THYME

**10 LETTERS**

ATTENDANTS

LOVE POTION

STARVELING

**11 LETTERS**

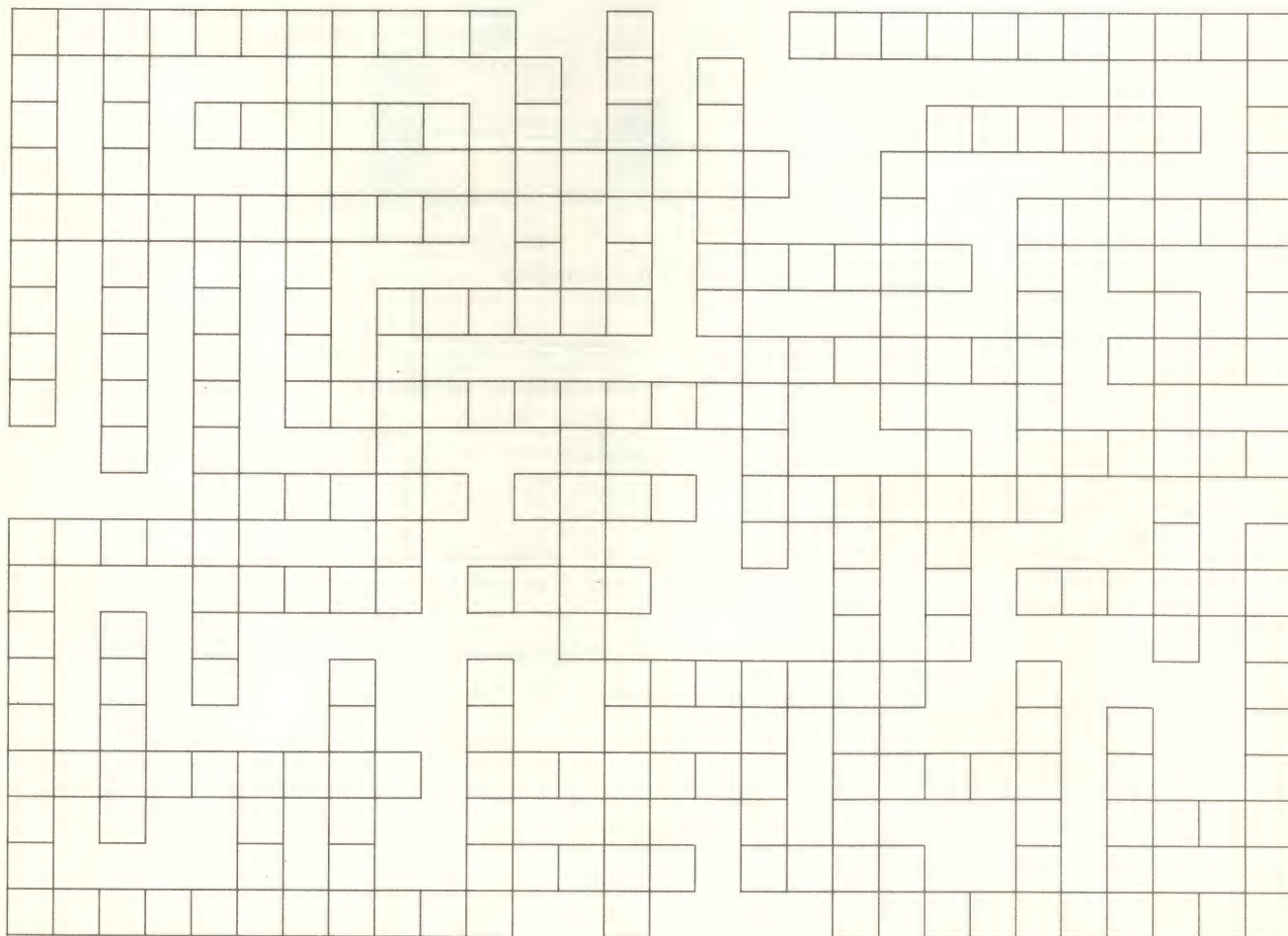
DONKEY'S HEAD

ENCHANTMENT

MUSTARDSEED

PEASBLOSSOM

SHAKESPEARE





# PENCIL POINTERS

By Trip Payne



In this crossword the clues appear in the grid itself. Enter the answers in the direction of the pointers.

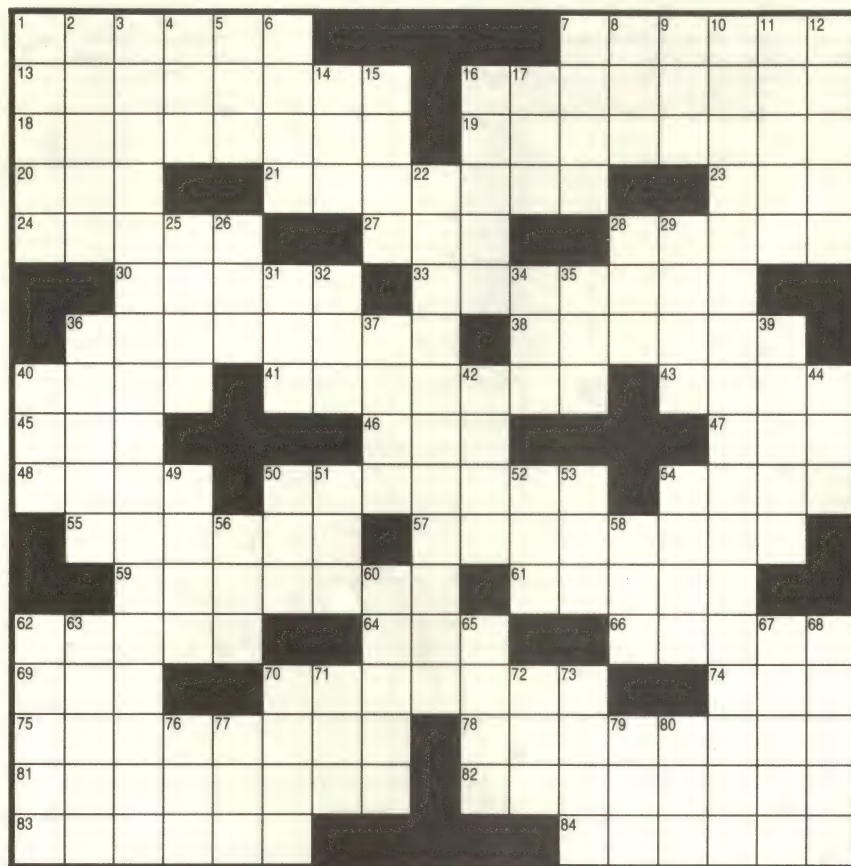
|                       |                  |                    |                     |                       |                     |                        |                        |                        |                          |                      |                      |                      |                    |                       |                  |                 |                 |               |
|-----------------------|------------------|--------------------|---------------------|-----------------------|---------------------|------------------------|------------------------|------------------------|--------------------------|----------------------|----------------------|----------------------|--------------------|-----------------------|------------------|-----------------|-----------------|---------------|
| Picnic ware           |                  | Knave              | Make amends for     | Dracula, sometimes    | Ditto, in footnotes | Too                    | Food package amount    | Topple                 |                          | Gave for a time      | Helpers              | City of East Germany | Craving            | Highland instrument   |                  | Clutch          | "Bald" bird     | Derisive look |
| Like 1001 Nights      |                  |                    |                     |                       |                     |                        |                        | "Three Times"          |                          |                      |                      |                      |                    | Gets older            |                  |                 |                 |               |
| Fit for drinking      |                  |                    |                     |                       |                     |                        |                        | River of France        |                          |                      |                      |                      |                    | Torino (auto)         |                  |                 |                 |               |
| He loves himself      |                  |                    |                     |                       |                     |                        |                        | Loaded Track spear     |                          |                      |                      |                      |                    | Senate message runner |                  |                 |                 |               |
| Try for election      |                  |                    |                     | Stock average         |                     |                        |                        |                        |                          |                      |                      |                      | Pours down         | Key Norway's capital  |                  |                 |                 |               |
| Chick's sound         |                  |                    |                     | Average               |                     | Extreme                | Listener Genetic stuff |                        |                          |                      |                      |                      |                    |                       |                  |                 |                 |               |
| Yosemite worker       |                  | Reign              | Got there Acute     |                       |                     |                        |                        |                        |                          | Comfort              |                      |                      |                    |                       |                  | Of the moon     | Still kicking   | Allots        |
|                       |                  |                    |                     |                       |                     |                        |                        |                        | Signal hello to          | Zilch                |                      |                      |                    |                       | Flee Eating area |                 |                 |               |
| Day before Wed.       |                  |                    |                     | Author Roald Mixture  |                     |                        |                        | Highway exit           |                          | Hands out the cards  | Lump Actress Burstyn |                      |                    |                       |                  |                 |                 |               |
| Varnish resin         |                  |                    |                     |                       |                     | Angry orations Changes |                        |                        |                          |                      |                      |                      |                    | "What's for me?"      |                  |                 |                 |               |
| Roman author          |                  |                    |                     |                       |                     |                        | Belly-button           |                        |                          |                      |                      |                      | Took a stool       | Church pews' area     |                  |                 |                 |               |
| Michael Jackson album | "_ makes waste"  | Oarsman            | Grand Coulee Unwise |                       |                     |                        | Wakens                 | Lunch and dinner       |                          |                      |                      |                      |                    | Angers                |                  |                 |                 |               |
|                       |                  |                    |                     |                       |                     |                        | Take with force        |                        | Become educated Not ext. |                      |                      |                      |                    |                       |                  | Beatles drummer | Opposed (to)    | Most plain    |
| Top-notch             |                  |                    |                     |                       | At the present      |                        |                        | Doesn't exist Termites |                          |                      |                      |                      |                    | Metric weight unit    |                  |                 |                 |               |
| Rock back and forth   |                  |                    |                     |                       | Boxer Roberto Brit. |                        |                        |                        |                          | Letter after theta   | Ones who get even    | Came to earth        | Split in two       |                       |                  |                 |                 |               |
| Newsman Koppel        |                  |                    |                     | Vital Pen content     |                     |                        |                        |                        |                          |                      |                      |                      |                    | Unique person         |                  |                 |                 |               |
| Water-gate's Sam      |                  |                    |                     |                       |                     | "Most" suffix Hearer   |                        |                        | Eggs                     |                      |                      |                      |                    | Fairy tale monster    |                  |                 |                 |               |
| Canteen for booze     | Some boxing jabs | Eats Make use (of) |                     |                       |                     |                        |                        |                        | X, to a Roman            |                      |                      |                      |                    | Playwright Hart       |                  |                 |                 |               |
|                       |                  |                    |                     |                       | Top-of-the-line     |                        | Nile snakes            | RBI or ERA             | Dress for a rani         | &                    |                      |                      |                    | Most of an omelet     | 6-4, in tennis   |                 |                 |               |
| Mrs. Peron            |                  |                    |                     | Generals Actor Majors |                     |                        |                        |                        | Under the weather        | Golly! Negative word |                      |                      |                    |                       | Cut off          |                 | Black or Baltic | Speedy plane  |
| Aesop story           |                  |                    |                     |                       |                     | Church window medium   |                        |                        |                          |                      |                      |                      |                    |                       |                  |                 |                 |               |
| Ceramic squares       |                  |                    |                     |                       |                     | Entertaining room      |                        |                        |                          |                      |                      |                      | Impales            |                       |                  |                 |                 |               |
| Icy drops             |                  |                    |                     |                       |                     | Walking sticks         |                        |                        |                          |                      |                      |                      | Non-fat eater Jack |                       |                  |                 |                 |               |



# HONEST?

By Stanley Newman

★★



## ACROSS

- 1 Courthouse activities
- 7 Ready for farming
- 13 Gets from the coat-check attendant
- 16 \_\_\_\_ of (require): 2 wds.
- 18 Carousing: 3 wds.
- 19 Like some old trains
- 20 Ex-QB Dawson
- 21 Luge competitor
- 23 Make an effort
- 24 Some uppercuts
- 27 Kennel resident
- 28 Cards above deuces
- 30 Leading
- 33 More likely to sink
- 36 Arcade game
- 38 Resort restriction, often: 2 wds.
- 40 Store sign
- 41 Coloring book colorers

- 43 *Star Trek II* villain
- 45 \_\_\_\_ Vegas
- 46 Workout hangout
- 47 Fuss
- 48 Faucet problem
- 50 Takes turns
- 54 \_\_\_\_ instant (immediately): 2 wds.
- 55 Said "Zzzz"
- 57 Dimmer device
- 59 Idea
- 61 Perrier competitor
- 62 "Good buddies" of the airwaves
- 64 Atom with extra electrons
- 66 Bonnie's partner-in-crime
- 69 \_\_\_\_ *Miss Brooks*
- 70 On \_\_\_\_ (exactly): 2 wds.
- 74 Ewe said it
- 75 Computerist's "hard copy"
- 78 They have lots to show you
- 81 Complete amount

- 82 One in the audience
- 83 Fashioned, as hair
- 84 Mythical woodland creatures

## DOWN

- 1 Mythical dwarf
- 2 Tennis player Richards
- 3 FIRST HALF OF A QUOTE: 4 wds.
- 4 Capp, Pacino, and others
- 5 Where visitors to Santa sit
- 6 Business letter start
- 7 Declare
- 8 Gun the engine
- 9 Santa \_\_\_\_ (wind)
- 10 SECOND HALF OF QUOTE: 3 wds.
- 11 Suspicious (of)
- 12 Singing actor Nelson and family
- 14 Tillis or Torme

- 15 Bit from Burpee
- 16 Yard-enclosing shrubbery
- 17 Heady brew
- 22 SPEAKER OF QUOTE: 2 wds.
- 25 Now's partner
- 26 View
- 28 Former House leader O'Neill
- 29 Smell to high heaven
- 31 Peter Jennings's network
- 32 \_\_\_\_-es-Salaam, Tanzania
- 34 Advice expert Landers
- 35 Boxing wins, for short
- 36 Practices boxing
- 37 Ultimate
- 39 Begin's Peace Prize sharer
- 40 Prehistoric
- 42 Sworn promise
- 44 Sine qua \_\_\_\_
- 49 D, gradewise

- 50 \_\_\_\_ room (game center)
- 51 Keats creation
- 52 Shoe width
- 53 Russian: Abbr.
- 54 Like *this*: Abbr.
- 56 Dr.'s co-workers
- 58 Word usually put in brackets
- 60 Devoutness
- 62 Makes do
- 63 Charred
- 65 *Heartburn* writer Ephron
- 67 Risk taker
- 68 Moves smoothly
- 70 \_\_\_\_ the line (obeyed)
- 71 Crude shack
- 72 Go below the horizon
- 73 Diner chow
- 76 Goose egg
- 77 *Uno e due*
- 79 Actress Thompson, of *Back to the Future*
- 80 Blasting stuff



# CRYPTO-FUNNIES

By Robert Leighton

★★

In this comic strip, all the dialogue has been converted into a cryptogram. That is, every letter of the alphabet has been consistently substituted by another letter throughout the cartoon. For example, if G represents V in one word, it will represent V in every word. Look for distinctive letter patterns and punctuation to help you get started.

1



2



3



4





# SLUGFEST ON PROTEUS

By Emily Cox and Henry Rathvon

★★★

## A PUZZLING SOFTBALL MATCH

PROTEUS (Galax. News Service), June 29, 2056—Softball games on Proteus, the lone planet in the Altair system, are often peculiar affairs. The ball always travels well in Proteus's thin atmosphere, and this year's showdown between the Titans and the All-Stars was a typical slugfest—from the towering three-run homer by Sal Bates of the visiting team in the first inning to the awesome two-run clout by Ronnie Jackson that won the game for the home team in the bottom of the sixth.

A strange feature of this game was that each team put a different number of runs on the scoreboard in each of its six turns at bat, and that all of the numbers from 1 through 12 were used in this way. Also notable was that one team's runs were scored in the alphabetical order of the written-out numbers.

"You can always count on something weird happening in this ball-

park," said All-Stars' outfielder Jackie Lopes. Lopes' third-inning two-run homer was a fluke in itself—a broken-bat pop that got caught in an updraft and hit the left-field foul pole on the fly. Talk about luck.

Titan starting pitcher Larry Speedwell was erratic, giving up twice as many runs in the fourth inning as he did in the first three innings combined. "I lost my concentration out there," admitted the veteran lefty.

The high-scoring affair was popular with the fans, who turned out some 10,000 strong to fill the seats of Proteus's quaint Bandbox Stadium. "It was exciting—such a close game," said one fan. "All that slugging, and the two teams were still separated by just one run after five innings!"

*Given this much information, can you now name the game's home team, the number of runs scored in each of the two teams' turns at bat, and the final score of the slugfest?*

TEAM

(Visitors) \_\_\_\_\_

(Home) \_\_\_\_\_

|  | 1 | 2 | 3 | 4 | 5 | 6 | T |
|--|---|---|---|---|---|---|---|
|  |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |



# WACKY WORDIE SAMPLER

By Diana Gilbert

☆☆

We know, we swore we'd never print Wacky Wordies again. Several times, in fact. But readers continue to send new sets of these addictive word teasers almost a year after their last go-round in GAMES, making us feel guilty for stopping them. And now we have a pretty group of fresh examples all by one contributor. So just for old-time's sake, here's one final fling. As always, the game is to discover the familiar word, phrase, or saying represented by each arrangement of letters and/or symbols. For example, box 1a below depicts "alphabet soup," while 1b shows "seeing eye to eye."

|   | a            | b            | c                 | d                                    |        |
|---|--------------|--------------|-------------------|--------------------------------------|--------|
| 1 |              | I SEEING I   | HELP<br>WAY       | REC<br>+ALL                          |        |
| 2 | LI CRISIS FE | ROOM<br>ONLY | bitten shy shy    | 2. MAN<br>4. MAN<br>6. MAN<br>8. MAN | 5. MAN |
| 3 | insanity     | THF HFAP     |                   | XOOJ LOOK CROSSING                   |        |
| 4 | TREES        |              | MATRE JOINED MONY |                                      |        |

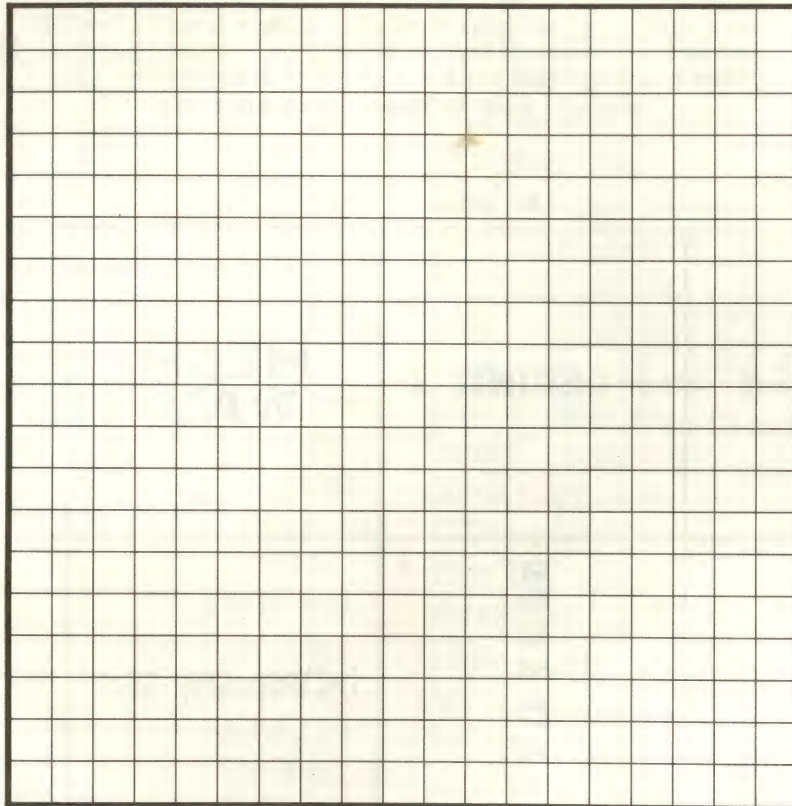




By Stanley Newman

★★

This diagramless crossword is 19 squares wide by 19 squares deep and has regular crossword symmetry. As a hint, the location of the starting square is given on the bottom left corner of page A14.



ACROSS

- |   |                                  |                              |   |                                      |                             |
|---|----------------------------------|------------------------------|---|--------------------------------------|-----------------------------|
| 1 Barry Manilow's record label          | 35 Molecule part                 | 67 Church official           | 5 Shoe part                                   | 34 ____ Africa (Streep film): 2 wds. | 62 As well                  |
| 7 Actress Mason                         | 36 Engraver's print              | 69 Woman's secret, perhaps   | 6 Flight board abbr.                          | 63 Anthony Quinn role                | 64 Egg order                |
| 13 Sophomore + 2                        | 39 Remote broadcast equipment    | 72 Messes up                 | 7 Singer Davis                                | 68 Glance from a "dirty old man"     | 69 Junkie, e.g.             |
| 14 Keg accessory                        | 41 Postpone discussion on        | 76 Mine find                 | 8 Oodles: 2 wds.                              | 70 Elmer ____                        | 71 Chang's twin             |
| 17 ____ Restaurant (Arlo Guthrie movie) | 45 General Bradley               | 77 Snaky shape               | 9 Ceremonies                                  | 72 Peripheral parts                  | 73 From the country         |
| 18 Sylvester J. Pussycat's "I": 2 wds.  | 47 Andrea ____ (ill-fated ship)  | 78 Israeli statesman Abba    | 10 Yell "boo" at                              | 74 Singer Della                      | 75 ____ of the art          |
| 21 Harass                               | 49 M*A*S*H extra                 | 79 Tunes for two             | 11 Siddhartha author                          | 78 Take the honey and run?           | 80 Dance lesson unit        |
| 22 Hidden booty                         | 50 Career candidate, for short   | 81 Three-alarmer, e.g.       | 12 White-faced                                | 79 Just ____ suspected": 2 wds.      | 83 Obliterate, arcade-style |
| 23 Using few words                      | 51 Charlie Brown's "I": 2 wds.   | 84 Hurler                    | 14 Blaster's material                         | 84 Track and field projectile        | 86 Shout out                |
| 24 Rabbit or Fox of fiction             | 53 What's more                   | 85 Perry White's "I": 3 wds. | 15 My Life ____ Dog: 2 wds.                   | 87 Health hangout                    | 88 Watchdog's warning       |
| 25 ____ Na Na                           | 54 Suit sewer                    | 86 Egg-coloring time         | 16 "____ open" (soda can instruction): 2 wds. |                                      |                             |
| 27 Extremely popular                    | 56 Like chimney sweeps' clothes  | 87 Pointer                   | 19 "A miss ____ good ____": 2 wds.            |                                      |                             |
| 29 Observed                             | 57 Lather                        | 90 Correct                   | 20 Guitar-playing concern                     |                                      |                             |
| 30 Sesame and Main: Abbr.               | 58 Paddle wheeler's power source | 91 Disney Dwarf              | 21 Kiddie ammo                                |                                      |                             |
| 31 "Stars and Stripes Forever" composer | 59 Colonel Mustard, for one      | 92 Blood vessel              | 25 Before long                                |                                      |                             |
| 33 The Stooges, e.g.                    | 61 Passover wafers               |                              | 26 Fancy cigar box                            |                                      |                             |
|   | 65 Not home                      |                              | 28 Facial spasm                               |                                      |                             |
|   | 66 Ruin                          |                              | 31 Agitate                                    |                                      |                             |
|   |                                  |                              | 32 Emmys and Grammys                          |                                      |                             |

DOWN

- 1 Say assuredly  
2 Avails of anew  
3 Deduce  
4 Separate, as flour



# DOUBLE CROSS

By Michael Ashley

★★

Directions appear on page 34.

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1R   | 2P   | 3F   | 4I   | 5C   |      | 6A   | 7W   | 8E   | 9C   | 10G  |      | 11N  | 12F  |      | 13A  | 14O  | 15I  | 16E  | 17K  | 18B  | 19C  |
| 20J  | 21Q  | 22D  |      | 23K  | 24T  | 25V  | 26A  | 27O  | 28G  |      | 29R  | 30P  | 31C  | 32H  | 33T  |      | 34Q  | 35W  | 36D  | 37L  | 38O  |
|      | 39N  | 40J  | 41A  | 42Q  | 43I  | 44M  | 45W  |      | 46W  | 47U  | 48E  | 49L  | 50K  | 51H  |      | 52P  |      | 53O  | 54N  | 55W  | 56S  |
| 57M  | 58T  | 59B  | 60Q  | 61D  |      | 62C  | 63U  | 64F  |      | 65N  | 66A  | 67I  | 68W  | 69B  | 70C  | 71D  | 72S  |      | 73J  | 74N  |      |
| 75I  | 76R  | 77K  | 78H  |      | 79V  | 80O  | 81T  | 82D  |      | 83J  |      | 84A  | 85P  | 86C  | 87L  |      | 88S  | 89Q  | 90N  |      | 91G  |
| 92E  | 93I  |      | 94V  | 95A  | 96B  | 97U  |      | 98V  | 99C  | 100O | 101Q | 102H | 103L | 104D | 105K | 106R |      | 107T | 108B | 109Q |      |
| 110V |      | 111N | 112E |      | 113J | 114M | 115K |      | 116R | 117O |      | 118U | 119V | 120D | 121H |      | 122W | 123E | 124Q | 125B | 126A |
|      | 127T | 128R | 129W |      | 130L | 131I | 132F | 133P | 134D | 135W | 136N | 137H | 138V |      | 139E | 140T |      | 141I | 142O | 143S | 144N |
| 145Q | 146T | 147B |      | 148G | 149K |      | 150O | 151S | 152M | 153L |      | 154F | 155D | 156C | 157N | 158U | 159S |      | 160A | 161I | 162W |
| 163C | 164R |      | 165H |      | 166M | 167N | 168I | 169E |      | 170F | 171R | 172J | 173A | 174S | 175W | 176B |      | 177P | 178M | 179N | 180U |

A. Mary Frann's sitcom costar (2 wds.)    13   26   41   173   66   6   84   95   126   160

B. Christ, as the Messiah    176   18   59   69   96   108   125   147

C. 1941 Bette Davis film (2 wds.)    156   19   62   86   31   5   99   9   163   70

D. Pests    104   134   155   22   36   61   120   71   82

E. Home town for Wayne Gretzky    92   8   112   139   169   16   48   123

F. Start of a basketball game (hyph.)    170   3   154   64   132   12

G. They're bagged at the supermarket    91   10   148   28

H. Storied Apache chief    137   102   32   121   165   51   78

I. The psychiatrist in *Nuts* (2 wds.)    93   131   141   75   168   4   15   43   67   161

J. Italian port on the Adriatic    20   40   73   83   113   172

K. Grant money?    23   105   77   115   17   50   149

L. Perfectly (3 wds.)    37   103   130   49   87   153

M. Loser at El Alamein    44   114   152   166   178   57

N. Revolutionary War tune (2 wds.)    74   111   136   157   167   179   65   11   144  
90   39   54

O. Jason's crew    80   100   53   117   142   14   27   38   150

P. Combustible used in flamethrowers    30   52   177   85   133   2

Q. Ira Levin Broadway thriller    124   21   60   101   145   109   42   89   34

R. Baa-a-ashful?    106   128   1   29   164   76   116   171

S. #1 Otis Redding tune of 1968 (with "T") (2 wds.)    56   88   159   72   151   143   174

T. See Clue "S" (3 wds.)    146   140   127   33   58   107   24   81

U. Animal-kingdom division    180   63   97   158   47   118

V. Egyptologist's exhibits    25   119   94   98   110   138   79

W. Jim Hutton's detective role (2 wds.)    162   175   68   7   35   45   46   122   129  
135   55

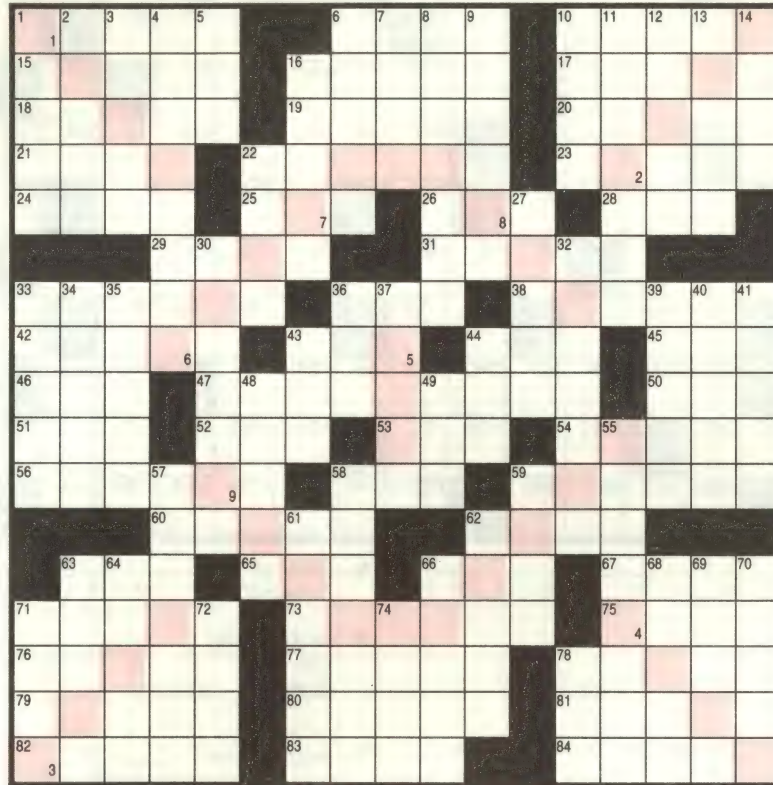


# RISE AND SHINE

By Charles Deber

★★★

A nine-word seasonal message will be spelled out in the shaded squares of the completed puzzle. The nine specially-placed numbers indicate the first letter of each word in the message.



## ACROSS

- 1 *Star Trek's* final frontier
- 6 Wild guess
- 10 Actress Markey and others
- 15 Pitches
- 16 Former Big Apple mayor Abe
- 17 *Sheena* star Roberts
- 18 Karenina and Christie
- 19 Early Peruvian
- 20 Part of TWA
- 21 Social reformer Jacob
- 22 Hair nets
- 23 Fish-eating birds
- 24 Summer refreshers
- 25 A.L. field boss
- 26 Dawn goddess
- 28 Presidential loser's initials of '28 or '56
- 29 Holes the tee shot
- 31 Darkened

- 33 Nobel Peace laureate, 1950
- 36 Air-gun ammo
- 38 "Doe, \_\_\_\_ female ..."
- 42 Powerful group
- 43 Miss Piggy, to herself
- 44 Neighbor of Syr.
- 45 It may move you
- 46 Actress Sue \_\_\_\_ Langdon
- 47 Gable feature
- 50 D.C. summer setting
- 51 Its headquarters are at Offutt AFB, Nebraska
- 52 Bouncer's requests
- 53 Hindu "holiness"
- 54 Nest on a cliff
- 56 Feared fly
- 58 Parting word
- 59 Fine violins
- 60 Practice conservation
- 62 Meets in assembly
- 63 Antique auto

- 65 XLI x L
- 66 Mid.
- 67 "Hot" info
- 71 Ant work
- 73 "Have Yourself \_\_\_\_ Little Christmas"
- 75 Run off
- 76 Designer Simpson
- 77 Skin layers
- 78 Be rude, in a way
- 79 Where to await the *Robert E. Lee*
- 80 Knock-\_\_\_\_
- 81 U. S. of the U.S.
- 82 Flintstone and MacMurray
- 83 Agitate
- 84 Tatum's role in *Paper Moon*

## DOWN

- 1 Puppeteer Lewis
- 2 Ancient Wars
- 3 Palmer, to pals
- 4 Exemplar of elegance
- 5 Snaky shape

- 6 A Mexican fellow ...
- 7 ... may nosh on one
- 8 Mozart's middle
- 9 Actor Robby or singer George
- 10 "Major" suffix
- 11 Provide the voice-over
- 12 Foolish
- 13 Force units
- 14 Back talk
- 16 Cherry varieties
- 22 Hook's henchman
- 27 Cut, as a budget
- 30 Sack dress
- 32 "\_\_\_\_ I Dwelt in Marble Halls" (old song)
- 33 Beauty's beau
- 34 Arm bones
- 35 Eleanor, to Teddy
- 36 Derek and others
- 37 Wee
- 39 Wimbledon winner in '76
- 40 Spokes
- 41 Feeds the kitty

- 43 Lambdas' followers
- 44 "\_\_\_\_ on parle français"
- 48 Greek theatre
- 49 "\_\_\_\_ You My Love?" (Rodgers and Hart tune)
- 55 Connecticut town
- 57 Celebrated in song
- 58 Leg of the Triple Crown
- 59 Light
- 61 Kisses, so to speak
- 62 Relative of 59-Across
- 63 Bus fare
- 64 Parisian pupil
- 66 Colonial newsman
- 68 Homeric epic
- 69 Finnish cent
- 70 *Tre + quattro*
- 71 Two quarters
- 72 Realizes
- 74 "Able was I \_\_\_\_"
- 78 "Par" grp.

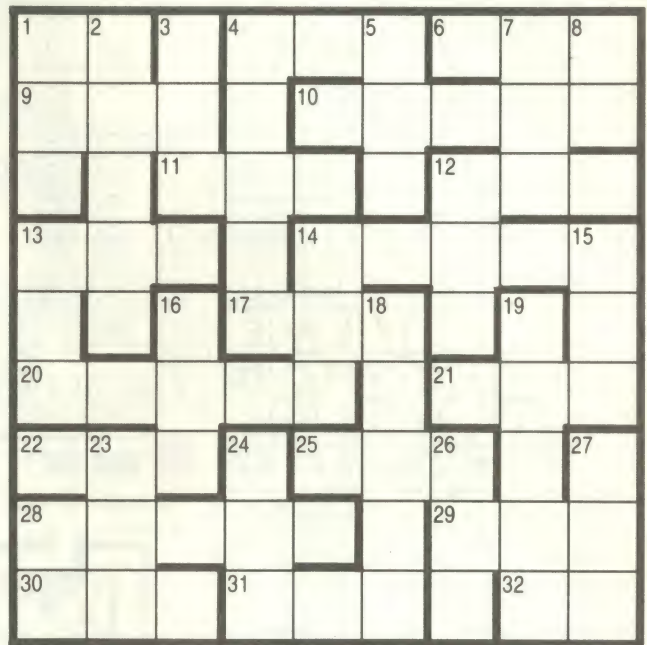
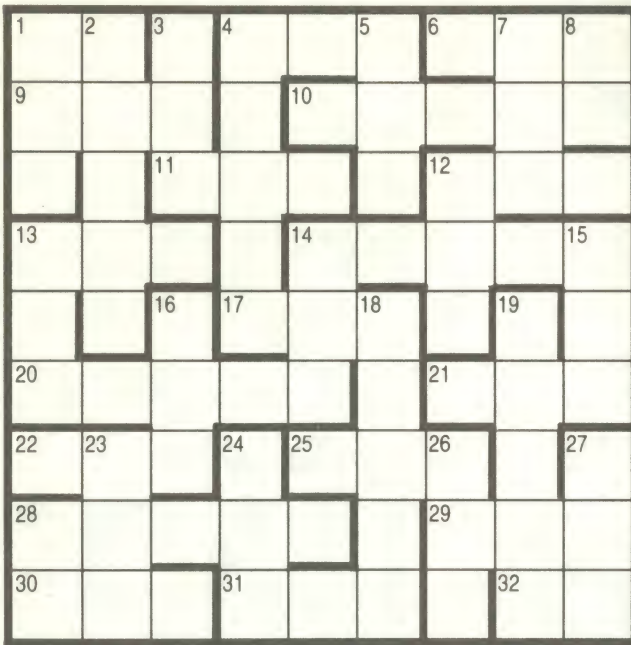


# HALF AND HALF

By Henry Hook

★★★★

For intrepid solvers who have asked for an occasional harder-than-usual cryptic in Pencilwise Plus, here's a special offering. The answer to each clue is to be divided exactly in half before entry into the diagrams. The first half goes in the appropriately numbered space in one diagram, and the second half in the corresponding place in the other diagram. Which goes where is for you to determine, although you may enter either half into either grid for your first answer. As a help, each completed diagram will contain 19 first halves and 19 last halves.



## ACROSS

- 1 Sign says "Topless Ladies" (4)  
 4 Problem barkeep holds board (6)  
 6 Amid never-ending search, a king trembles (6)  
 9 Heard continuing story in Life, for example (6)  
 10 Complaining about East and West using charm (10)  
 11 Club let revolutionary fight (6)  
 12 Mischievous elves hiding last of treasure in cover (6)

- 13 Eastern governor, to avoid taking "green," left (6)  
 14 In agreement with Conservative running now (10)  
 17 String quartet's fourth member interrupts the commercial (6)  
 20 Unusual event: wrong phone number penned by workers (10)  
 21 Tobacco pipe makes this puzzlemaker sigh (6)  
 22 Male President's women? (6)  
 25 Los Angeles receives agreements from the French woman (6)

- 28 "Nutty Blooper"—it's bad literature (10)  
 29 Got a run in top of stocking and removed the center (6)  
 30 "Go Right In" recorded backward (6)  
 31 Bold lingerie—sexy at the edges (6)  
 32 Half equals zero in addition (4)

## DOWN

- 1 Imitated Eastern school girl getting high (6)  
 2 Engineer came in, hung item for gangster (7,3)

- 3 Prince is watchful admitting bishop (6)  
 4 Repeat everything initially! (10)  
 5 Pass motorcyclist, à la Reverend Spooner? (6)  
 7 Sedaka takes five after university show (6)  
 8 Without a date? Just a gigolo at heart (4)  
 12 Shortstop catches equal numbers (6)  
 13 Swindle with aggregate mineral (6)  
 14 Cattle farm, operated by choice, losing 50% (6)  
 15 Meditated endlessly, nevertheless (6)

- 16 Some clothing comes back from the grave? (6)  
 18 Jarring plate, host keeps performing (10)  
 19 Where commuters get drinks, cheers, and music (10)  
 23 Alternatively, possessed by man's spirit (6)  
 24 Drink up uncapped Tabs at ball (6)  
 26 Stood holding uranium to cause excitement (6)  
 27 Was first to enter excessively Spanish city (6)  
 28 Gave money to one in apartment (4)



**P L U S**

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| O | M | A | E | M | B | K | E | S |
| E | A | L | R | B | E | W | I | T |
| D | C | B | A | T | R | S | L | E |
| S | H | O | T | R | R | E | N | T |
| U | I | U | E | A | D | V | R | H |
| M | E | N | O | N | I | H | O | O |
| M | A | D | O | I | S | A | L | E |
| I | L | E | R | S | H | R | E | D |
| D | E | P | B | R | A | O | S | O |

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| E | N | E | A | R | K | Q | U | A |
| C | E | R | L | C | H | I | N | G |
| H | G | T | L | E | Y | E | V | E |
| G | U | N | I | C | O | N | C | U |
| Y | N | I | T | H | R | S | B | G |
| P | H | E | N | O | M | K | A | H |
| A | M | S | A | L | O | U | R | T |
| P | O | T | B | O | N | S | C | O |
| A | R | T | S | S | Y | E | A | L |

**DOWN:** 1. Echoed (E + coed + H) 2. Machine gun (came in hung) 3. Albert (alert + B) 4. Alliterate (iterate + all, & lit.) 5. Khyber (biker) 7. Unveil (Neil + V + U) 8. Stag (just A Gigolo) 12. Sevens (SS + even) 13. Gypsum (gyp + sum) 14. Rancho (ran + choice – ice) 15. Though (thought – t) 16. Undies (un-dies) 18. Disharmory (dish + army + on) 19. Barcaroles (bar car + oles) 23. Morale (or + male) 24. Absorb (Tabs – T + orb) 26. Arouse (arose + U) 27. Toledo (led + too) 28. Paid (I + pad)

The first word across is MUSTARDSEED.

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | U | S | T | A | R | D | S | E | E | D |   | P |   |   |   | D | O | N | K | E | Y | S | H | E | A | D |   |   |   |   |   |   |
| O |   | T |   |   | E |   |   |   |   | T |   | Y |   | Q |   |   |   |   |   | E |   |   |   |   | E |   |   |   |   |   |   |   |
| O | A |   |   | C | O | M | E | D | Y |   | T |   | R |   | U |   |   |   |   |   | A | C | T | O | R | S |   |   |   |   |   |   |
| N |   | R |   |   | E |   |   |   |   | T | I | T | A | N | I | A |   |   |   |   |   | P |   |   | M |   | D |   |   |   |   |   |
| L | O | V | E | P | O | T | I | O | N |   | S |   | M |   | N |   |   |   |   |   | P |   |   | T | A | I | L | O | R |   |   |   |
| I |   | E |   | E |   | R |   |   |   |   | B |   | U |   |   |   | C | O | B | W | E | B |   | H |   | A |   | O |   |   |   |   |
| G | L |   |   | A |   | I |   |   |   | A | T | H | E | N | S |   |   |   |   | E |   |   | T |   | E |   |   | M | P |   |   |   |
| H |   | I |   | S |   | U |   | M |   |   |   |   |   |   |   |   | F | A | I | R | I | E | S |   | K | I | S | S |   |   |   |   |
| T |   | N |   | B |   | S | H | A | K | E | S | P | E | A | R | E |   |   |   |   | Y |   | E |   |   | S |   |   |   |   |   |   |
|   |   | G |   | L |   | Z |   |   |   | A |   |   |   |   |   |   | A |   |   | R |   | U | N | I | T | E | D |   |   |   |   |   |
|   |   |   |   |   | O | B | E | R | O | N |   |   | P | L | A | Y |   |   |   | S | H | A | D | O | W | S |   | A |   |   |   |   |
| W | O | O | D | S |   |   | N |   |   |   |   | A |   |   |   |   |   |   |   | T |   | T | S |   |   | K |   | C |   |   |   |   |
| I |   |   |   |   | S | O | N | G | S |   |   | P | U | C | K |   |   |   |   |   | T | E | S |   | H | E | L | E | N | A |   |   |
| L |   |   |   | P |   |   |   |   |   |   |   |   | E |   |   |   |   |   |   |   | T | E | S |   |   | S |   |   | R |   |   |   |
| D |   | P |   | R | O | M |   |   |   | B | O |   |   |   |   |   | F |   |   |   | W | E | D | D | I | N | G |   | S |   | P |   |
| T |   | O |   |   |   |   |   |   |   |   |   |   |   |   |   |   | F |   |   |   |   |   | R |   | D |   | S |   | Q |   |   |   |
| H | I | P | P | O | L | Y | T | A |   |   |   |   |   |   |   |   | R | O | M | A | N | C | E |   | A | W | A | K | E |   | U |   |
| Y |   | S |   |   |   | I |   |   |   | T |   |   |   |   |   |   | E |   | V |   | A |   | N |   | L |   |   | E | X | I | T |   |
| M |   |   |   |   |   | O |   |   |   | O |   |   |   |   |   |   | S | L | E | E | P |   |   | M | O | T | H |   | L |   | E |   |
| E | N | C | H | A | N | T | M | E | N | T |   |   | R |   |   |   |   |   |   |   |   |   | S |   | L | Y | S | A | N | D | E | R |

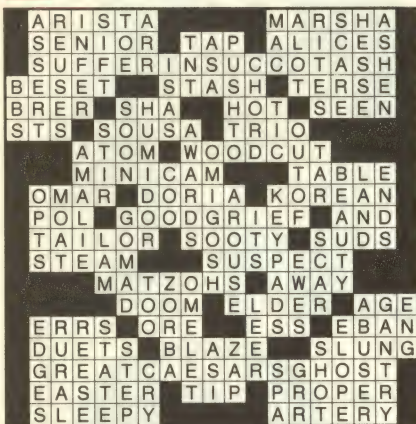
|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| P |   |   |   | F |   | B |   |
| A | R | A | B | I | A | L | A |
| P | O | T | A | B | L | E | A |
| E | G | O | T | I | S | T | L |
| R | U | N |   | D | O | W | J |
|   |   |   |   |   |   |   |   |
| P | E | E | P |   | E | A | V |
| L |   |   |   | A | R | R | I |
| P | A | R | K | R | A | N | G |
|   |   |   |   |   |   |   |   |
| T | U | E |   | D | A | H | L |
|   |   |   |   |   |   |   |   |
| E | L | E | M | I |   | T | R |
| S | E | N | E | C | A |   |   |
|   |   |   |   |   |   |   |   |
| D | A | M |   |   |   |   |   |
| T | H | R | I | L | L | E | R |
|   |   |   |   |   |   |   |   |
| A | O | N | E |   | N | O | W |
| S | W | A |   |   |   |   |   |
| T | E | D |   |   |   |   |   |
| E | R | V | I | N |   |   |   |
|   |   |   |   |   |   |   |   |
| F | L | A | S | K |   |   |   |
| E | V | A |   |   |   |   |   |
| F | A | B | L | E |   |   |   |
| T | I | L | E | S |   |   |   |
| S | L | E | E | T |   |   |   |



## A2 BEEPI BEEPI

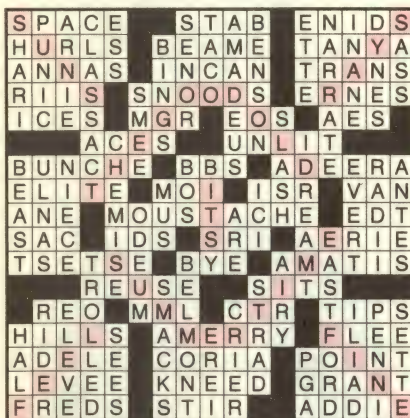


## A10 !!!



## A12 RISE AND SHINE

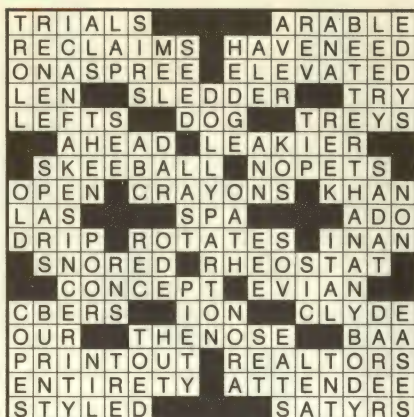
The letters in the shaded squares spell: Sun's rays feel fine/It's the good old summertime.



## A7 CRYPTO-FUNNIES

Panel 1: In your aria, you tell Brunhilda you don't love her anymore.  
 Panel 2: Heartbroken, she climbs the stairs for the big death scene.  
 Panel 3: As she leaps, you run up and catch her. (Viking:) If I catch her, why is it a death scene?  
 Panel 4: It's *your* death scene.

## A6 HONEST?



## A11 DOUBLE CROSS

- |                 |                  |
|-----------------|------------------|
| A. BOB NEWHART  | M. ROMMEL        |
| B. EMMANUEL     | N. YANKEE DOODLE |
| C. NOW, VOYAGER | O. ARGONAUTS     |
| D. NUISANCES    | P. NAPALM        |
| E. EDMONTON     | Q. DEATHTRAP     |
| F. TIP-OFF      | R. SHEEPISH      |
| G. TEAS         | S. THE DOCK      |
| H. COCHISE      | T. OF THE BAY    |
| I. ELI WALLACH  | U. PHYLUM        |
| J. RIMINI       | V. MUMMIES       |
| K. FIFTIES      | W. ELLERY QUEEN  |
| L. TO A TEE     |                  |

Emily Wedge of Baltimore's famous Enoch Pratt Library quotes a gentleman who declared, "My wife says I have had tee many martoonis, but I am not so much under the affluence of incohol as some pinkle theep. I mean *thinkle peep*."—Bennett Cerf, *Try and Stop Me*

## A8 SLUGFEST ON PROTEUS

The All-Stars scored twice as many runs in their fourth inning as in their first three combined. Their first three innings must contain at least six (1 + 2 + 3) runs, so their fourth inning must be 12 runs. Their first three innings are therefore 1, 2, and 3 in some order.

Since there are two innings after the fourth, but only one number after TWELVE alphabetically (namely, TWO), it must be the Titans, not the All-Stars, who scored their numbers of runs in alphabetical order.

The two teams were only a run apart after five innings. The most the All-Stars could have after the fifth inning is 29 runs (1 + 2 + 3 + 11 + 12). The fewest the Titans could have is 30 runs (4 + 5 + 6 + 7 + 8). So those must have been the scores. Of the remaining two numbers, NINE and TEN, only TEN comes alphabetically after all of the Titans' other scores. So the Titans' scores, in order, were: 8, 5, 4, 7, 6, and 10. The All-Stars' scores were: (1, 2, 3 in some order), 12, 11, and 9. Since the Titans won 40-38, they are the home team.

The All-Stars, who are the visiting team, scored at least three runs in the first inning and two in the third, so their first three innings scored 3, 1, and 2 runs.

The final scoreboard read:

|           | 1 | 2 | 3 | 4  | 5  | 6  | T  |
|-----------|---|---|---|----|----|----|----|
| All-Stars | 3 | 1 | 2 | 12 | 11 | 9  | 38 |
| Titans    | 8 | 5 | 4 | 7  | 6  | 10 | 40 |

## CONTEST RESULTS

*From March*

### PICTURE PERFECT

This contest to solve two antique rebus cards proved to be harder than just about any we ever made.



Card #1 wasn't too difficult. Most solvers agreed on this reading: "You can bet your last bottom dollar that you will see Garfield defeated by Hancock" (ewe can bet ewer last bottom-dollar t-hat U will cigar-field d-feet-ed by hand-cock). Ironically, it was Hancock who was defeated by Garfield in the presidential election of 1880. So much for the bet!



Card #2 was more difficult, parts of it stumping just about everyone. The solution we judged to be the best was this: "The Handy Box French Shoe Blacking excels all in market as well for brilliancy of polish as a preserver of leather. You can shine shoes [or boots, riding boots, etc.] better and quicker with it" (the hand-y box f-wrench shoe-blackening X-Ls awl inn mark-et a-swell for brilliant-cy of Poll-ish ass a preserve-er of leather; ewe can shy-n shoes better & K-wick-r withe it). There were three minor variations in this reading, any one of which we decided could also have been the original, intended answer: Instead of "a swell," we also accepted "a gent" (agent), "a dandy," and "a master."

Of the 308 entries received, 28 were judged to be complete and perfect. The winner, chosen by random draw, is Charles Compton, of Santa Monica, CA, who will receive the Grand Prize of \$100. Five runner-up prizes of GAMES T-shirts go to: Peter Costomiris, Killingworth, CT; F. J. Davis, South Orange, NJ; Bill Edwards, Newland, NC; Craig Hamilton, Mountain View, CA; and Alice Lawrence, Charlotte, VT.

—Will Shortz



**Grand Prize**  
\$100  
**5 Runner-Up Prizes**  
A GAMES T-shirt

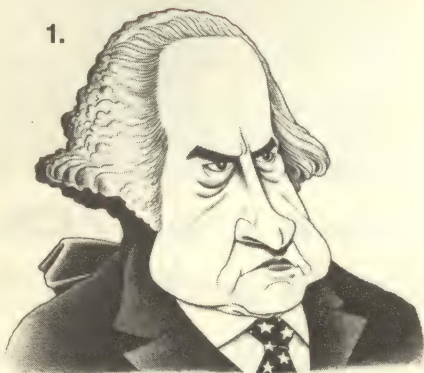
## HAIRDOS AND HAIRDON'TS



Yesterday Mr. Giuseppe—hair stylist to the stars—got his appointments mixed up. Each of his clients received a hairstyle that should have gone to someone else that day. His customers yesterday were nine famous people, past and present (did we mention Mr. Giuseppe is a time traveler?), and the pictures below show how they looked after their appointments. How many can you recognize? Send us your answers on a postcard or back of an envelope. You may enter as many times as you wish, but each entry must be mailed separately. The winner will be the reader who correctly identifies the most people. Ties will be broken by random draw. Mail entries to: Hairdos and Hairdon'ts, GAMES, 810 Seventh Avenue, New York, NY 10019.

Entries must be received by August 1, 1988.

1.



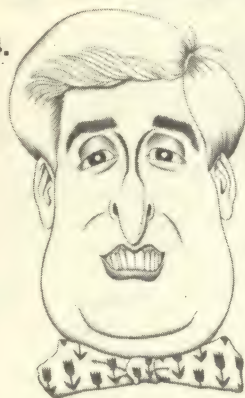
2.



3.



4.



5.



6.



7.



8.



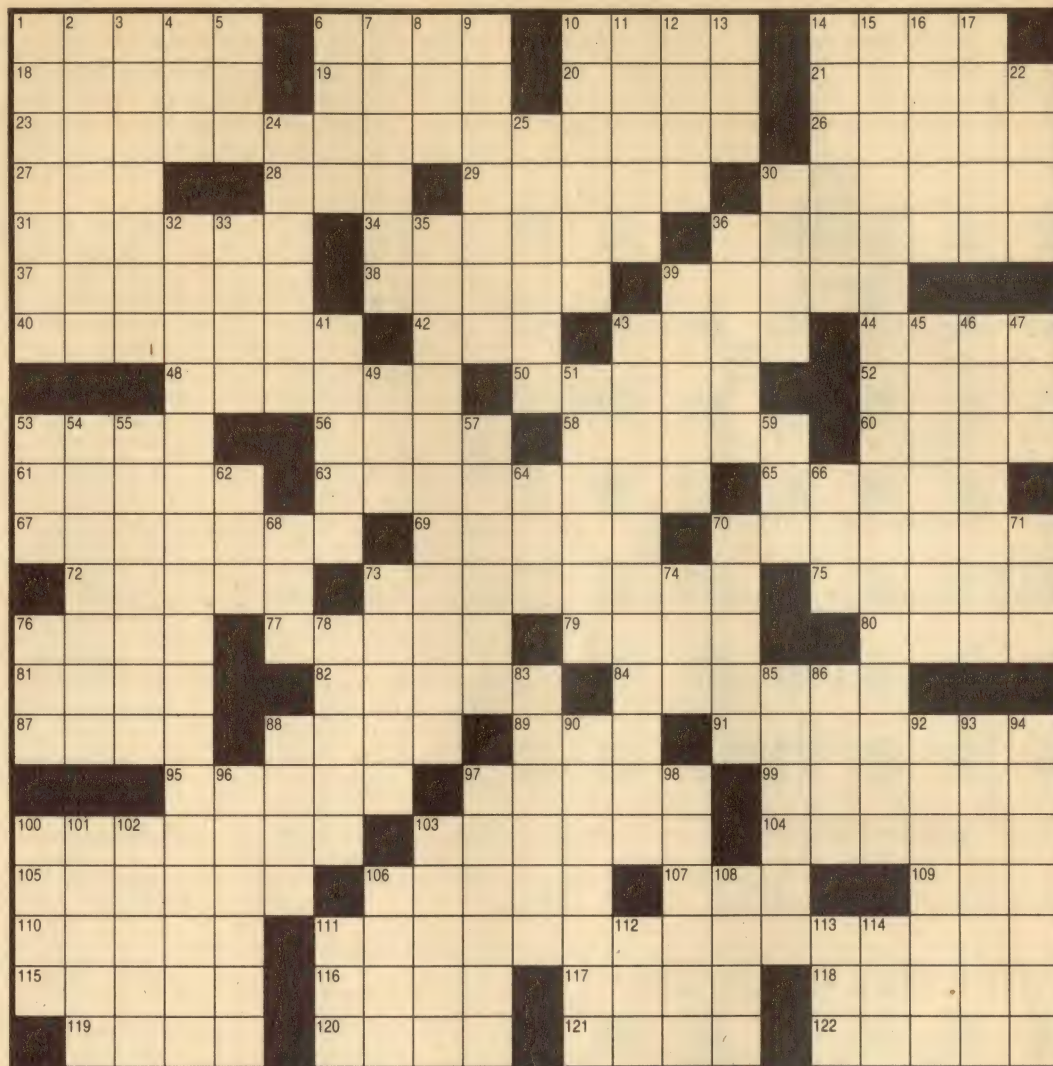
9.





## ACROSS

- 1 Swim stroke
- 6 Disarrange
- 10 Mickey's creator
- 14 Abbr. in some job titles
- 18 General confusion
- 19 Deep black
- 20 Gallic girlfriend
- 21 Avenge
- 23 On \_\_\_\_ (in senseless pursuit)
- 26 Garner
- 27 \_\_\_\_ Na Na
- 28 Piercing tool
- 29 'Enry's pupil
- 30 Make mad
- 31 *Alice, Benson, or Cheers*
- 34 King, metaphorically
- 36 Highway hauler
- 37 Conceive
- 38 Colander's kin
- 39 Vandalize
- 40 Sonnet sections
- 42 Five-star initials
- 43 Robert of *Airplane!*
- 44 Film-script direction
- 48 Fashion
- 50 *Beat the Clock* action
- 52 Roman poet
- 53 Drop a line?
- 56 Capricorn
- 58 Victorious
- 60 Foolhardy
- 61 Computer base
- 63 Furnish explanations
- 65 Jokester's query
- 67 Smoking jackets?
- 69 Play fare
- 70 Former prisoner
- 72 Give a speech
- 73 Alienate
- 75 Edit
- 76 Live the wrong way?
- 77 "Gay" place
- 79 It's E. of Mont.
- 80 They may be even
- 81 Dudley
- 82 Colgate competitor
- 84 Roman magistrate
- 87 Teutonic "three"
- 88 Hard journey
- 89 Refinable rock
- 91 Secretly
- 95 Made an appointment
- 97 Get to the source of



ANSWER, PAGE 57

## DOWN

- 99 To \_\_\_\_ surprise (as expected)
- 100 Snoopy's siblings
- 103 Fabric pattern
- 104 Stairway posts
- 105 Arrests
- 106 Farm-equipment maker
- 107 Trieste "three"
- 109 Suffix for project or percent
- 110 Have \_\_\_\_ (nosh)
- 111 Children's game
- 115 Atlas, for instance
- 116 First name in jazz
- 117 Humbled
- 118 Political pamphlet
- 119 Corn quantity
- 120 Botch
- 121 Scotland, for one
- 122 Wine holders
- 1 Auto frame
- 2 '60s prime-time Western
- 3 Flies
- 4 One of Pooh's friends
- 5 Math abbr.
- 6 Catty remark
- 7 They hold two nuts each
- 8 ... - - - -
- 9 Showed scorn
- 10 Aloha girl
- 11 Flabbergast
- 12 Actress Hartman
- 13 Driving aid
- 14 Where to book matches
- 15 TV soap
- 16 Picky eater of rhyme
- 17 Gomez Addams's favorite dance
- 22 Belgian river
- 24 Reproductive cell
- 25 Kitchen spice
- 30 Memorable periods
- 32 #1 tune for Perry Como
- 33 Take off: Fr.
- 35 Children's game
- 36 "\_\_\_\_ Remember"
- 39 "*La plume de ma \_\_\_\_*"
- 41 Epic tales
- 43 Unskilled typist's method
- 45 Brought about
- 46 Swell
- 47 Old English letter
- 49 Heavy weight
- 51 Unanimously
- 53 Supporting
- 54 Become impassable, as a winter road
- 55 Germ-free
- 57 Rich cakes
- 59 Popular "tour" organizer
- 62 Don't stop
- 64 Cigarette substance
- 66 Afore
- 68 One's good name
- 70 Lap dogs
- 71 Bradley and Asner
- 73 Went astray
- 74 Long-jawed fish
- 76 Ultimate
- 78 Suburban plots
- 83 Cuadrilla's chief
- 85 Mountain pass?
- 86 Mitch Miller's instrument
- 88 Federal agents
- 90 Trotters' place
- 92 Eastern Indians
- 93 TV's Magnum
- 94 Says confidently
- 96 Space thriller of '86
- 97 Long-armed authority?
- 98 Book before Job
- 100 The neighbor's kid
- 101 Jazz pianist Blake
- 102 One of California's Santas
- 103 String section member
- 106 Generous person
- 108 Sly Foxx
- 111 Short month?
- 112 Pan Am rival
- 113 Handy sentence ender
- 114 Coach Parseghian



In the sentence "CAT is to KITTEN as DOG is to PUPPY," the first two items, CAT and KITTEN, bear a relationship that is shared by the second two, DOG and PUPPY. In the puzzle below, 20 more analogies await completion. The first two words of each analogy appear at the left. The 40 words that go in the blanks

to complete them are arranged alphabetically in the column at the right. Each of the words in the column will be used exactly once, so you may cross them off as you proceed. A word of warning: Keep your mind flexible; some of the relationships are completed in unexpected ways. **ANSWERS, PAGE 59**

- |                                      |             |           |
|--------------------------------------|-------------|-----------|
| 1. HERD is to CATTLE as _____        | is to _____ | BEE       |
| 2. HUB is to WHEEL as _____          | is to _____ | BEER      |
| 3. MONTH is to YEAR as _____         | is to _____ | BLADE     |
| 4. COWS is to CALVES as _____        | is to _____ | BREEZE    |
| 5. COMPASS is to NEEDLE as _____     | is to _____ | CAKE      |
| 6. AUTHOR is to COPYRIGHT as _____   | is to _____ | DAGGER    |
| 7. LAMP is to SUNSHINE as _____      | is to _____ | DISK      |
| 8. PISTOL is to RIFLE as _____       | is to _____ | DOES      |
| 9. OASIS is to DESERT as _____       | is to _____ | DRIVE     |
| 10. SUDS is to DISHWATER as _____    | is to _____ | ENGLISH   |
| 11. LETTER is to ALPHABET as _____   | is to _____ | EYE       |
| 12. FLEMISH is to HIMSELF as _____   | is to _____ | FAN       |
| 13. FENCE is to PICKET as _____      | is to _____ | FAWNS     |
| 14. ROOM is to CEILING as _____      | is to _____ | FIN       |
| 15. ADVERSE is to JINGLE as _____    | is to _____ | FISH      |
| 16. GLAZE is to HAM as _____         | is to _____ | FOOT      |
| 17. CAR is to TIRE as _____          | is to _____ | HAND      |
| 18. OWE is to PEA as _____           | is to _____ | HEAD      |
| 19. NICKEL is to DIME as _____       | is to _____ | HORN      |
| 20. CASSETTE is to RECORDER as _____ | is to _____ | HURRICANE |
|                                      |             | ICE       |
|                                      |             | INCH      |
|                                      |             | INVENTOR  |
|                                      |             | ISLAND    |
|                                      |             | MOUTH     |
|                                      |             | NOTE      |
|                                      |             | OCEAN     |
|                                      |             | PATENT    |
|                                      |             | RAMPART   |
|                                      |             | ROOF      |
|                                      |             | SAW       |
|                                      |             | SAWBUCK   |
|                                      |             | SCALE     |
|                                      |             | SCHOOL    |
|                                      |             | SEE       |
|                                      |             | SHINGLE   |
|                                      |             | SKATE     |
|                                      |             | SWORD     |
|                                      |             | TOOTH     |
|                                      |             | WATCH     |



# CRYPTIC CROSSWORDS ★★★

Each clue in a cryptic crossword contains two parts: a definition of the answer and a second description of it through wordplay. Finding the dividing point between parts is the key

to solving. Watch for anagrams, hidden words, charades of two or more smaller words, and other language tricks. Puzzle 2 is harder than Puzzle 1.

ANSWERS, PAGE 58

## PUZZLE 1 BY EMILY COX & HENRY RATHVON

### ACROSS

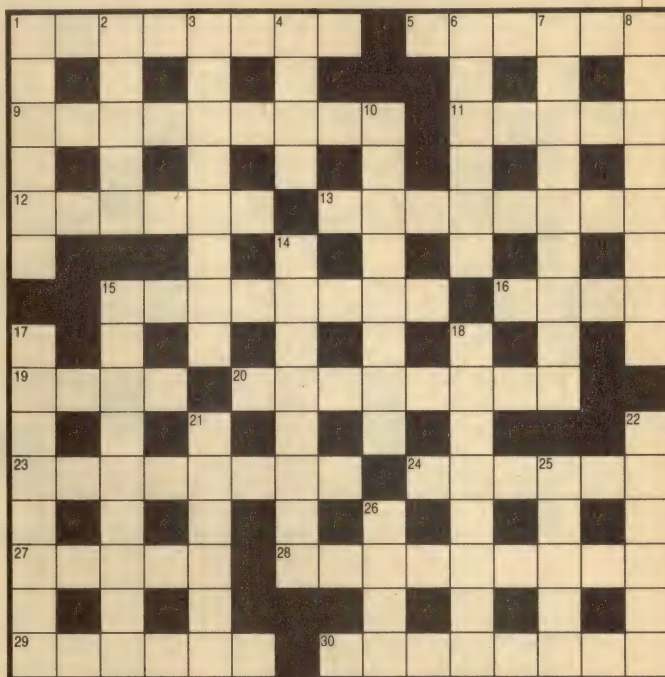
- 1 Inside of seafood is always warm (8)
- 5 A group of six tsetse flies (6)
- 9 Taking part in a rebellion is disgusting (9)
- 11 The planet's unstable heart (5)
- 12 Drug abuse teased (6)
- 13 Travel route for three-winged aircraft (8)
- 15 Fish left in sink (8)
- 16 One cat among millions (4)
- 19 Fix socks for rats! (4)
- 20 Chinese detective catches Irma with committee leader (8)

- 23 Wild rhino ate untraditional character in a story (8)
- 24 Returning students make a mistake (4,2)
- 27 British blokes in cowboy clothes (5)
- 28 Coffee cup set is made badly (9)
- 29 Fuel stops working in front of train (6)
- 30 Almost in tantrums from college studies (4,4)

### DOWN

- 1 Assorted softer woods (6)
- 2 6-Down includes 6—is that clear? (5)
- 3 Peculiar Oriental kin (8)
- 4 Verbally auction part of a boat (4)

- 6 Pet me playfully, including kiss for free (6)
- 7 Sailor on land, dagnabbit (9)
- 8 Eighteen clowns laughing (2-6)
- 10 Drainage could create a flower (8)
- 14 Secure, also holding job (8)
- 15 Top-notch pies going up in flames (5-4)
- 17 In sum, Vance came forward (8)
- 18 Handsome lettering revealing breakfast dish (8)
- 21 "Like a Virgin" is pursued audibly (6)
- 22 Unexpected wins in some lively tennis? (6)



25 Cryptic prose puzzle (5)

26 Science magazine

in Missouri brought up (4)

## PUZZLE 2 BY FRANCES YANG

### ACROSS

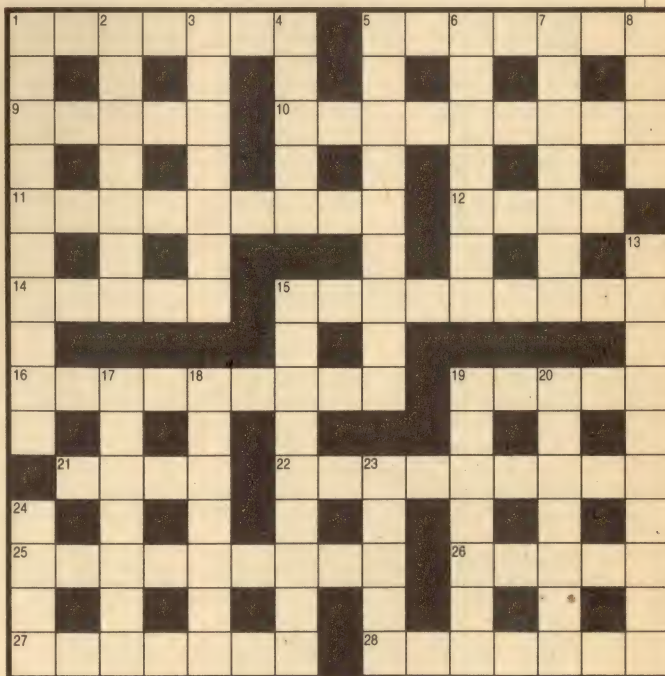
- 1 Washington accumulated wealth (7)
- 5 Glanced in Italian city captured by rascal (7)
- 9 Weapon from East stored in box (5)
- 10 Tremors initially awaken Scarlet in pants (9)
- 11 Bolder, empty lingerie (9)
- 12 Turning tide with correct wording (4)
- 14 Humorist Rooney's in hearing range (5)
- 15 Agitated madam hits economist (4,5)
- 16 Grave one next to Coolidge is difficult to understand (9)
- 19 Divided page in narrow tear (5)

- 21 Crook needs to case joint (4)
- 22 Go too far to hear cover version? (9)
- 25 Finding the means in hail and storming (9)
- 26 African tribe is caught in urban turmoil (5)
- 27 Convent group resists changes (7)
- 28 Remains live outside Uganda's capital (7)

### DOWN

- 1 Lance almost piercing melon in African city (10)
- 2 Given money in advance, brought back baby garment original from Paris (7)
- 3 Pushes for most of the developments from Iron Age? (7)

- 4 Woodworking tool left by man (5)
- 5 Narrow escape from leader of commandos— forfeit \$100 total (5,4)
- 6 Right guides for football carriers (7)
- 7 Van Buren inauguration's first drink (7)
- 8 Stupid fellow joining two parties (4)
- 13 "Wheel!" I shout, ransacking Reagan's home (5,5)
- 15 Tossed chives on a fish (9)
- 17 Back to look for no Americans (7)
- 18 Young Gene ate nuts (7)
- 19 Lights used for photographing street clothes (7)
- 20 Found out



Shakespearean king meets horrible end (7)

23 Chuck Yeager's first to get enthusiastic (5)

24 Argument arising from bugle music (4)



Answer the clues for words to be entered on the numbered dashes. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to spell a quotation reading from left to right. Black squares separate

words in the quotation. Work back and forth between grid and word list to complete the puzzle. When you are done, the initial letters of the words in the word list will spell the author's name and the source of the quotation.

ANSWER, PAGE 57

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1T   | 2M   | 3L   | 4K   | 5N   | 6O   | 7V   | 8I   | 9S   | 10U  |      | 11V  | 12D  | 13A  | 14G  | 15Q  |      | 16M  | 17F  | 18J  | 19S  | 20V  | 21D  | 22W  | 23C  |
|      | 24S  | 25G  | 26O  | 27Q  |      | 28J  | 29S  | 30M  | 31N  | 32D  | 33C  | 34T  |      | 35G  | 36P  | 37F  | 38B  | 39W  | 40R  | 41J  |      | 42D  | 43S  |      |
| 44O  |      | 45V  | 46A  | 47F  | 48K  | 49E  | 50P  |      | 51M  | 52T  | 53O  | 54C  | 55I  |      | 56D  | 57N  |      | 58K  | 59E  | 60B  | 61R  | 62L  |      | 63F  |
| 64S  | 65M  |      | 66E  | 67Q  | 68N  |      | 69C  | 70I  |      | 71M  | 72W  | 73E  | 74D  | 75F  |      | 76U  | 77A  | 78E  |      | 79R  | 80F  | 81I  | 82V  | 83Q  |
| 84M  |      | 85W  | 86K  | 87O  |      | 88S  | 89T  | 90U  | 91B  |      | 92R  | 93G  | 94D  | 95O  | 96Q  | 97U  | 98T  | 99H  | 100P |      | 101U | 102V | 103K | 104L |
|      | 105D |      | 106J | 107W | 108Q | 109H | 110R |      | 111L | 112G | 113F | 114U | 115A | 116B | 117Q | 118V | 119H |      | 120U | 121D |      | 122I | 123P | 124G |
|      | 125L | 126C | 127Q | 128H |      | 129N | 130D | 131E | 132W | 133P | 134V | 135F | 136I | 137S |      | 138O | 139U | 140V |      | 141H | 142D | 143M | 144Q | 145P |
| 146F | 147G | 148C | 149U |      | 150I | 151S | 152D | 153V |      | 154O | 155M |      | 156K | 157V | 158A | 159H | 160G |      | 161Q | 162F | 163P | 164V | 165K |      |
| 166T | 167U | 168K | 169I |      | 170L | 171D | 172M | 173N | 174V | 175F |      | 176I | 177K | 178U | 179V | 180P | 181C |      | 182W | 183A | 184M | 185D | 186V | 187L |
| 188U |      | 189J | 190K | 191P | 192S | 193D | 194I |      | 195M | 196C | 197A | 198G | 199W | 200N | 201Q |      |      |      |      |      |      |      |      |      |

A. In a good mood, like a golfer sometimes? 115 77 183 158 46 197 13

B. Laundry leftover 38 60 91 116

C. Needy 126 148 181 196 23 33 54 69

D. Blockbuster thriller of 1987 (2 wds.) 94 105 121 171 185 12 32 42 74  
56 130 152 21 142 193

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75 63

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30 65 84

N. Show-it-all 173 200 5 31 129 57 68

O. Clever trick 44 87 138 154 95 6 26 53

P. Folks next door 180 191 36 100 123 133 145 163 50

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15 27

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S. *Miami Vice* star (2 wds.) 137 151 9 88 24 64 19 192 43 29

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V. Miser of fiction (2 wds.) 153 134 179 20 7 82 140 164 45  
11 102 118 174 186 157

W. Drinking heartily 85 72 107 182 39 132 22 199



## A AS IN ACRONYM ★☆ BY BEVERLEY BYER

An acronym is a word made by taking the first letters of the words in a phrase, like WASP (from White Anglo-Saxon Protestant) or QANTAS (Queensland And Northern Territory Air Service). Below are 26 relatively familiar acronyms, and we ask you to identify just one word from each—one for each letter of the alphabet. How many of them can you answer? Note: One of the examples is a little different from the others. (You'll know which one it is when you get it.)

ANSWERS, PAGE 56

1. "A" in SALT \_\_\_\_\_
2. "B" in BASIC \_\_\_\_\_
3. "C" in CORE \_\_\_\_\_
4. "D" in DEW \_\_\_\_\_
5. "E" in LEM \_\_\_\_\_
6. "F" in ALF \_\_\_\_\_
7. "G" in GIGO \_\_\_\_\_
8. "H" in MASH \_\_\_\_\_
9. "I" in UNICEF \_\_\_\_\_
10. "J" in JAP \_\_\_\_\_
11. "K" in SWAK \_\_\_\_\_
12. "L" in AWOL \_\_\_\_\_
13. "M" in MADD \_\_\_\_\_
14. "N" in NASA \_\_\_\_\_
15. "O" in OPEC \_\_\_\_\_
16. "P" in ASCAP \_\_\_\_\_
17. "Q" in POSSLQ \_\_\_\_\_
18. "R" in CARE \_\_\_\_\_
19. "S" in NASCAR \_\_\_\_\_
20. "T" in EPCOT \_\_\_\_\_
21. "U" in SNAFU \_\_\_\_\_
22. "V" in MIRV \_\_\_\_\_
23. "W" in AWACS \_\_\_\_\_
24. "X" in AMEX \_\_\_\_\_
25. "Y" in NYNEX \_\_\_\_\_
26. "Z" in ZIP \_\_\_\_\_

FOLD THIS PAGE

## THE WORLD'S MOST ORNERY CROSSWORD

BY MIKE SHENK

### Grand Design

The crossword on this and the next two pages has two independent sets of clues: "Hard" and "Easy." First, fold this page back on the dashed line so the clues below face the solving grid on page 37. If you use only the Hard Clues (appearing below and continuing under the grid), you'll find the puzzle uncommonly challenging. If you want help, or prefer a less severe challenge, open to the Easy Clues (tucked in beneath your fold on page 36).

### HARD CLUES ★★★

#### ACROSS

- |   |                                   |  |
|---|-----------------------------------|--|
| 1 Get _____ (eliminate)                     | 60 They're just for openers       | 116 Miffed                                 |
| 6 In which "lion" is "simba"                | 61 Giotto paintings               | 118 Like lemons                            |
| 13 Liberty                                  | 63 _____ Medal (WW2 decoration)   | 119 Wisconsin college                      |
| 23 Brand that "hasn't scratched yet"        | 65 "Boxes"                        | 120 Clothes-making man                     |
| 24 Ingredient in the Brewster sisters' wine | 66 Vergil's "but"                 | 122 Frosty's makeup                        |
| 25 Fleming's discovery                      | 67 Berth places                   | 123 Tom's dad, for one                     |
| 26 One way to be neat                       | 68 Brewery container              | 124 Isn't in the plural?                   |
| 27 "Wishful words of wisdom"                | 69 Dinghies                       | 125 Occupied                               |
| 28 Survey completer                         | 72 Cloaks                         | 126 White House garden sights              |
| 29 Yank's foe                               | 76 _____ <i>Rosenkavalier</i>     | 129 Choice words                           |
| 30 Pitch source                             | 77 Dermatologist's cases          | 131 John Thomas Diamond's nickname         |
| 32 Having more marbles?                     | 78 Mean servers                   | 132 Abalone eater                          |
| 33 Wildcatter's quest                       | 82 Has a crush on                 | 133 Captain's staff                        |
| 34 Goal                                     | 83 Hotheadedness                  | 134 Facts and figures                      |
| 35 Yon lass                                 | 86 Sunday paper section           | 135 Ending for hydrox                      |
| 36 Issue                                    | 87 Word to the wise               | 136 Manx, for one                          |
| 38 Port for sailors                         | 88 Home of Cleopatra's Needle     | 139 San Diego-to-L.A. dir.                 |
| 40 Low springboard setting                  | 89 Attack by machine gun          | 140 Al Unser's March, e.g.                 |
| 43 Carmen's killer                          | 90 Slate                          | 142 Pa's daughter                          |
| 44 Singaradja natives                       | 91 Acting                         | 144 Cow's weight, roughly                  |
| 46 Engaged in cajolery                      | 92 Was attentive                  | 145 Of a universal philosophy              |
| 48 Zoologist's topic                        | 93 Does                           | 148 Attacked violently                     |
| 49 Hitch _____ (thumb)                      | 94 Gay _____ ('63 animated movie) | 150 Caning strip                           |
| 50 Spills the beans                         | 95 "Right you _____!"             | 152 LaSalle or DeSoto                      |
| 52 Works with a shuttle                     | 96 They may support your story    | 153 Daughter in the fold                   |
| 53 Aims for, as a dartboard                 | 97 1942 Hitchcock thriller        | 154 Sticks _____ guns (refuses to give in) |
| 55 Honored for bravery, e.g.                | 99 It was outlawed in 1973        | 155 Dictation symbols                      |
| 56 Low-cholesterol spread                   | 100 Appendectomy reminders        | 156 Early ascetics                         |
| 57 Essence                                  | 102 Bing's brother                | 157 Goes sans date                         |
| 58 Hymnal holders                           | 105 Dastard                       |  |
| 59 Squeak by, with "out"                    | 106 Words with pickle or stew     |  |
|   | 107 Pear-shaped                   |  |
|   | 109 Part of some diamonds         |  |
|   | 113 Pithecolist's subject         |  |
|   | 114 Invited                       |  |

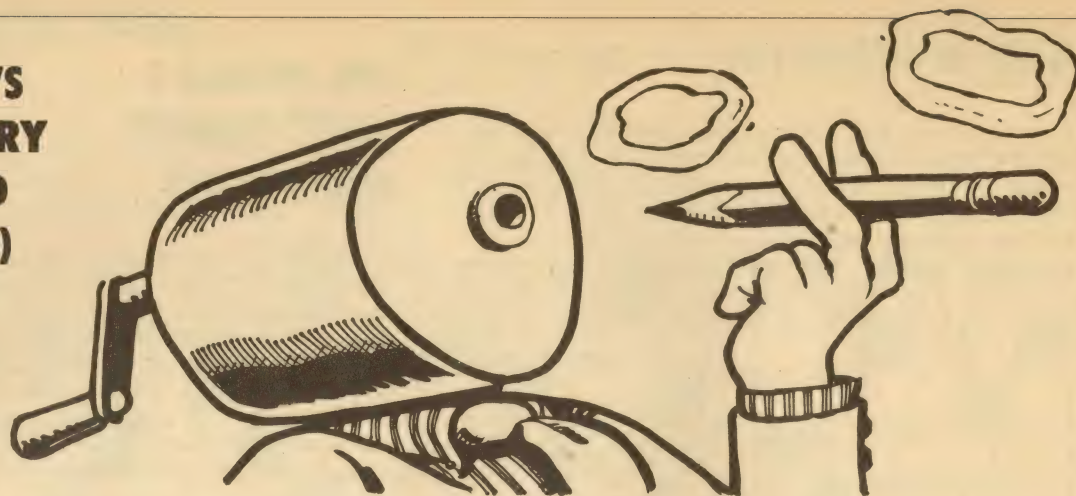
#### DOWN

- 1 1936 MacDonald-Eddy musical



# THE WORLD'S MOST ORNERY CROSSWORD (CONTINUED)

Don't Peek  
Until You Read  
Page 35!



## EASY CLUES ★

### ACROSS

- 1 Get \_\_\_\_ (throw out): 2 wds.  
6 Language of Central Africa  
13 Seaman's time off: 2 wds.  
23 Good friend: Fr., 2 wds.  
24 \_\_\_\_ and Old Lace  
25 Antibiotic derived from mold  
26 As neat \_\_\_\_: 3 wds.  
27 Beatles album and song: 3 wds.  
28 Answering person  
29 Confederate soldier, for short  
30 \_\_\_\_ and feather  
32 More rational  
33 \_\_\_\_ and vinegar (salad dressing)  
34 Finish  
35 That girl  
36 Give off  
38 Departed  
40 About 39.37 inches: 2 wds.  
43 Singer Feliciano  
44 From an Indonesian island  
46 Flattered for gain: 2 wds.  
48 Flora's counterpart  
49 Take for \_\_\_\_ (swindle): 2 wds.  
50 Squeals  
52 Makes lace  
53 Aims pitches toward: 2 wds.  
55 Quoted  
56 Margarine  
57 \_\_\_\_ helmet (safari wear)  
58 Church singers  
59 \_\_\_\_ out (supplement)

- 60 Piano's "ivories"  
61 Wall paintings  
63 WW2 theater: Abbr.  
65 Boob tubes  
66 But: Lat.  
67 Docking sites  
68 Large tub  
69 Oared vessels  
72 Sleeveless capes  
76 German article  
77 Skin outbreaks  
78 Superb servers, in tennis  
82 Worships  
83 Quickness to become angry: 2 wds.  
86 Take a journey  
87 \_\_\_\_ emptor  
88 Recreational region of Manhattan: 2 wds.  
89 Shoot at, from a plane  
90 Business meeting schedule  
91 In the theater business: 3 wds.  
92 Obeyed  
93 Fuses metals together  
94 Gay \_\_\_\_ (cartoon cat movie) (PER RUE anag.)  
95 "Roses \_\_\_\_ red ..."  
96 Construction beams  
97 Destructive enemy agent  
99 Banned pesticide  
100 Signs of old wounds  
102 TV emcee  
105 Mongrel  
106 Pig \_\_\_\_ poke: 2 wds.

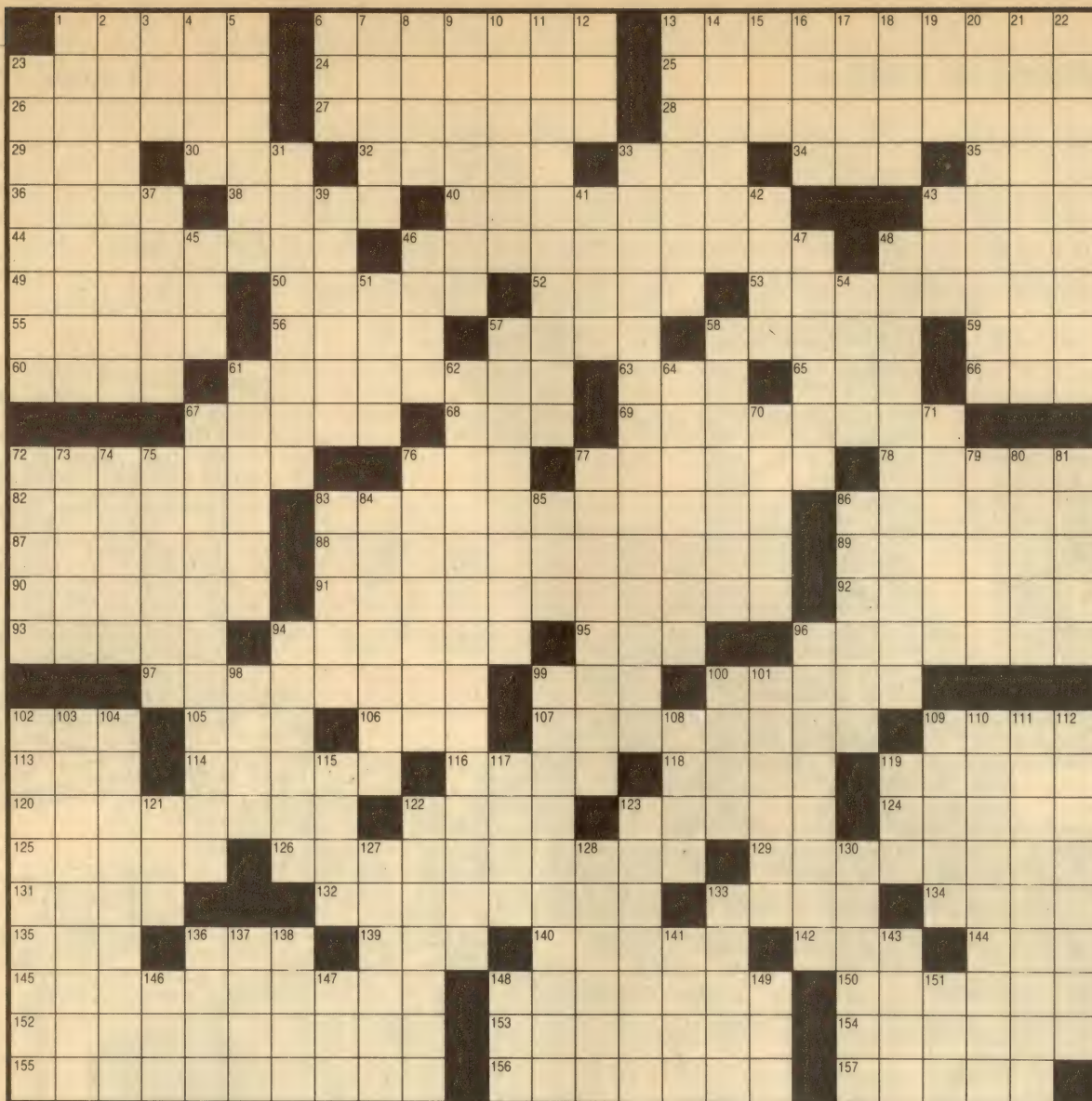
- 107 Having a full-bodied sound  
109 Residence  
113 Gorilla  
114 Inquired  
116 Made angry  
118 Little pie  
119 Wisconsin college town (IN PRO anag.)  
120 He sews for a living  
122 Winter forecast  
123 The Pied \_\_\_\_  
124 "\_\_\_\_ we all?"  
125 Busy, as a phone: 2 wds.  
126 Thorny flowering shrubs  
129 Having two alternatives: 2 wds.  
131 Table supports  
132 Playful marine mammal: 2 wds.  
133 Ship's workers  
134 Computer input  
135 Chemical suffix  
136 Sylvester or Garfield  
139 Direction opposite SSE  
140 Track car  
142 Bro's sibling  
144 2,000 pounds  
145 Relating to the whole universe  
148 Attacked brutally  
150 Broken bone support  
152 Car  
153 Young female sheep: 2 wds.  
154 Up \_\_\_\_ ears (swamped): 2 wds.  
155 Shorthand words  
156 Ancient Jewish mystics (SEE NESS anag.)  
157 Male deer

### DOWN

- 1 She played Sally on *The Dick Van Dyke Show*: 2 wds.  
2 Helplessness  
3 Touch bait lightly on the water (PAD anag.)  
4 Leave out  
5 Last song in a show  
6 "My Gal \_\_\_\_"  
7 Extract by force  
8 *The Thin Man* dog  
9 Outrageously evil  
10 Meaning  
11 Opera lyrics writer  
12 Rink material  
13 Elves  
14 Well-\_\_\_\_ (wealthy)  
15 Light switch positions  
16 Ready for picking  
17 Financial course: Abbr.  
18 Songstress Jenny  
19 Antiquity, old-style  
20 Pubs  
21 Plant-climbing serpent: 2 wds.  
22 Begged of  
23 Without saddle  
31 Brings back to former condition  
33 "\_\_\_\_ we watched were so gallantly streaming": 3 wds.  
37 Ocean rises  
39 Antenna  
41 Ham, lamb, or Spam  
42 Dr. Westheimer  
43 Mouth-framing bone  
45 Actor Beatty  
46 Politically allied group  
47 Snapshots  
48 To begin with: 2 wds.  
51 Not as much  
54 \_\_\_\_ Ridge (1972 Derby winner)  
57 "And a partridge in a \_\_\_\_": 2 wds.  
58 Cattle tender  
61 Mexican celebration  
62 Oscar-winning song from *The Wizard of Oz*: 3 wds.  
64 In overabundance: 2 wds.  
67 Presents a defense in court: 3 wds.  
70 Reading's county  
71 Frightened  
72 Colorful parrot  
73 Wise saying  
74 New and different  
75 General inclinations  
76 "Go slower!": 2 wds.  
77 Put more ammo into  
79 Steer clear of  
80 Allude (to)  
81 Toboggans  
83 Merit badge recipient  
84 Actor Paul (INHERED anag.)  
85 File folder feature  
86 Top worn with jeans  
94 Fat hog  
96 Supports for railroad signals  
98 Shoulders-up statue

- 99 Decided a loser, in a way: 2 wds.  
100 Gingerly cookie  
101 Field of work  
102 Large churches  
103 Expanded, accordion-style: 2 wds.  
104 Much-filmed Foreign Legion movie: 2 wds.  
108 Singer Redding  
109 Employed  
110 Doing surgery  
111 Unfluctuating voices  
112 Contest participants  
115 Cupid  
117 Sports trouncing  
119 Cheering word  
121 Prepublication texts: Abbr.  
122 Spirit-summoning sessions  
123 Cotton sheet fabric  
127 In one's second childhood  
128 Tosses, as something big  
130 Corkscrew features  
133 \_\_\_\_ de menthe (mint liqueur)  
136 Singer Perry  
137 Oodles: 2 wds.  
138 Circus boy \_\_\_\_ Tyler  
141 Alaska's first governor (in OREGANO)  
143 Leopard feature  
146 Sun.-Tues. go-between  
147 Swindle: Var.  
148 Envision  
149 Loudness units: Abbr.  
151 Mauna \_\_\_\_ (Hawaiian volcano)





ANSWER, PAGE 57

## HARD CLUES (CONT'D)

- |  |  |                                     |                                       |                               |  |
|--|--|-------------------------------------|---------------------------------------|-------------------------------|--|
| 2 Grounds for job failure                    | 17 Would-be-banker's major, for short  | 45 Dime-novelist Buntline           | 75 Market watcher's concerns          | 99 Had a lottery of sorts     | 122 Spirited gatherings?                 |
| 3 Skip, as stones                            | 18 The Swedish Nightingale             | 46 The Warsaw Pact nations, e.g.    | 76 Walk, ____ (1966 Cary Grant movie) | 100 First of a Kellogg's trio | 123 Sheet material                       |
| 4 Skip                                       | 19 Yore                                | 47 Snaps                            | 77 Prepared for another volley        | 101 Line                      | 127 Doting                               |
| 5 Show stopper?                              | 20 Bars                                | 48 First                            | 79 Skirt                              | 102 St. Peter's and others    | 128 Casts away                           |
| 6 Moviedom's Mineo                           | 21 Arboreal reptile of Central America | 51 Without                          | 80 Consult, with "to"                 | 103 Expanded                  | 130 O. Henry endings, usually            |
| 7 Gain, though not easily                    | 22 Beseeched                           | 54 Bank of the Po                   | 81 Popular Christmas toys             | 104 1939 Gary Cooper role     | 133 Thick liqueur                        |
| 8 Hammett schnauzer                          | 23 Like Annie Oakley's riding          | 57 Partridge perch                  | 83 Tonto's mount                      | 108 Mayberry's drunk          | 136 "Catch a Falling Star" singer        |
| 9 Abominable                                 | 31 Does museum work                    | 58 Tender of beef                   | 84 Davis's <i>Now, Voyager</i>        | 109 Took on                   | 137 Tons                                 |
| 10 Resolute                                  | 33 Where "we watched"                  | 61 ____ <i>de toros</i> (bullfight) | 85 It's usually left of Q             | 110 Kind of income or room    | 138 Kunta Kinte's slave name             |
| 11 Lorenzo Da Ponte, for <i>Don Giovanni</i> | 37 Fishermen's concerns                | 62 Where "bluebirds fly"            | 86 Practical souvenir                 | 111 "Book of Love" singers    | 141 Cop-turned-actor Eddie               |
| 12 Sparklers                                 | 39 Opinion-seeking proposal            | 64 Extra                            | 94 He swells from swill               | 112 Sweepstakes hopefuls      | 143 Munster household dragon             |
| 13 Hallow's Eve rompers                      | 41 Gist                                | 67 Does trial attorney's work       | 96 Cape Kennedy scaffolding           | 115 Aphrodite's son           | 146 <i>Hiroshima</i> , ____ <i>Amour</i> |
| 14 Followed one's master                     | 42 Naomi's daughter-in-law             | 70 County west of London            | 98 Go over 21                         | 117 Mop the floor with        | 147 Gut, as fish                         |
| 15 Cricket wicket sides                      | 43 Gossip                              | 71 Fearful                          |                                       | 119 Fan's sound               | 148 Go with                              |
| 16 Ready enough                              |  | 72 Cockatoo's kin                   |                                       | 121 What copy eds. edit       | 149 Volume scale units: Abbr.            |
|  |  | 73 Saw                              |                                       |                               | 151 Long: Hawaiian                       |
|  |  | 74 Michener offering                |                                       |                               |  |



"If you're going to illustrate our story on Betsy Ross, the homemaker," said the editor of *Colonial Kitchens* to the artist, "take these old woodcuts for reference. The year is 1788."

She attempted to push some musty books into his hands.

"Don't need 'em," the artist said. "I know that period as if I lived it myself."

The editor's fears proved to be justified, however, when the drawing came back full of errors. Right away she noticed the zipper on Ross's dress—an item not invented until more than a century later. As she looked further she spotted 21 other anachronisms—things that didn't yet exist in America 200 years ago. How many can you find?

ANSWERS, PAGE 57



PETER PASOLINO



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Mike Shenk

ed somewhere  
word AFFINITY.  
the answer is  
beginning in  
along the out-  
in this way, the  
upper left cor-  
stopher Morley.



repair a diode in the receiver. (5)

13. The Indian language is behind in the development of new words. (5)

14. Father ran downtown on a quick trip to the store. (6)

16. Martha taught the yogi some tricky kind of exercises. (9)

17. Color showed in the violent anger in each man's face. (9)

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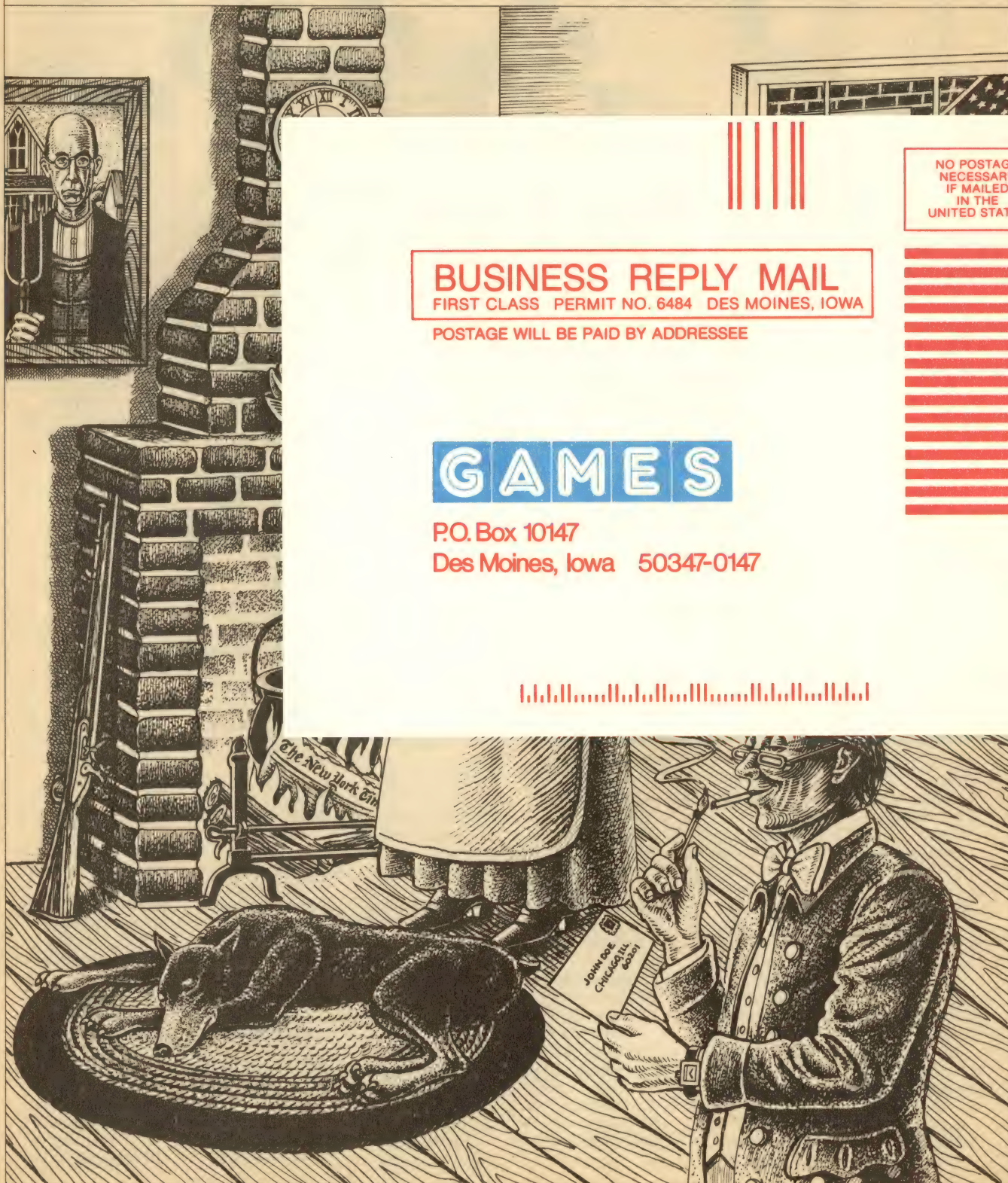


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ANSWERS, PAGE 57



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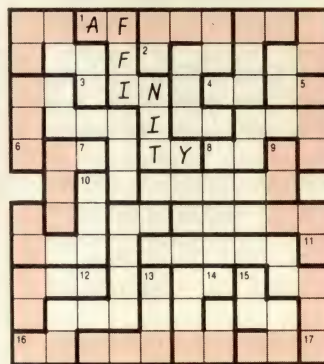
### INSIDE AND OUT

By Will Shortz

★★

Each sentence below has a hidden word that is defined somewhere in the line. For example, sentence # 1 conceals the word AFFINITY, which is defined as "liking." (The number of letters in the answer is shown in parentheses.) Enter each answer in the grid beginning in the appropriately numbered square and proceeding along the outlined path. When all the answers have been entered in this way, the shaded squares on the grid's border—starting in the upper left corner and reading clockwise—will spell a quote by Christopher Morley.

1. By covering the sheet with paraffin, it yielded a luster to the worker's liking. (8)
2. If the girls look promising, let one try out for the team. (9)
3. The sound of the bird in Handel's oratorio left me bewildered. (6)
4. Seven visitors remained in part of New England. (5)
5. The darkness had everyone scared. (5)
6. Ray, the clean-up man, described the circus to Diana. (9)
7. The hungry fox encircled the sleeping farm animals. (4)
8. We discussed a political theory of freedom in our philosophy class. (6)
9. Our next entry in the talent competition shows room for improvement. (6)
10. It's hard to overcome a downwind in a field of expert bicyclists. (6)
11. The metal pin enabled me to fix the Swiss watch. (6)
12. Several taxpayers don't think the rate adjustment is fair. (4)
13. The Indian language is behind in the development of new words. (5)
14. Father ran downtown on a quick trip to the store. (6)
15. We need to repair a diode in the receiver. (5)
16. Martha taught the yogi some tricky kind of exercises. (9)
17. Color showed in the violent anger in each man's face. (9)



PENCILWISE PLUS ANSWERS BEGIN ON PAGE A14.

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# GAMEPLAY

**GAMEPLAY** is a new feature section that incorporates the Games & Books, Electronic Games, and Strategy departments, as well as other material of special interest to game enthusiasts.

## GAMES & BOOKS

### FAMILY GAMES FROM RAVENSBURGER

"What a pretty board," someone commented at the start of a recent game-testing session. "It looks like a Ravensburger."

It was, too. Ravensburger makes good-looking games. The boards are sturdy, the cards and pieces are charming, the rules are well-written. Nothing reassures us that the session will be a fun one like the sight of a new Ravensburger to test.

These three new ones are just as good as we expected. And all three are not only fine games, but simple enough to be enjoyed by adults and children together. Each takes less than half an hour to play.

At first glance, **Dorada** (around \$20) looks childishly simple, just a single



**Dorada**

path from start to finish. But look again: The object is to get your pieces to the finish as *slowly* as possible, which makes this novel race game not so simple after all.

Each of two to four players—the game is best with four—starts the game with four pieces of his or her color (yellow, blue, green, or purple). All pieces, though, are red on the bottom, the same color as most of the spaces on the board.

Each turn you move one of your pieces forward according to the roll of a die. If you land on a safe red space, all is well. But if you land on a blank space, of which there are quite a few, your piece is forever trapped; you turn it over, red side up, and it becomes a red space that other pieces can then land on safely.

Other spaces move you forward or backward, or even advance your piece right to the finish.

When all the pieces are either at the finish or trapped, the game is over. The *last* piece to reach the finish scores 100 points; fewer points are awarded for earlier arrivals. Trapped pieces score nothing. The player whose four pieces have earned the most points at the end wins.

You can block an enemy piece by landing one of your pieces on it; the enemy piece can't move until you've moved off it later. This is a useful way to limit an enemy's choices; a player reduced to one or two free pieces is in danger of being forced to move onto a blank space. On the other hand, you don't want to block *all* of an opponent's pieces; this is one game where having to miss a turn is a good thing.

**Baggage Claim** (around \$8) is a charming memory game with a twist, for two to four players. Forty "suitcases" are shuffled face down and arranged into ten groups, each group of four representing an airport. On your turn you fly your plane to one of the airports and turn one of the suitcases face up.

Each suitcase has a number from 1 to 10 on its hidden side, and the object is to collect a complete set in order. If the suitcase you turn up is a 1, you can keep it and take another turn, this time looking for a 2. But if the suitcase isn't the number you need, you turn it face down again, and everyone tries to remember it in case it becomes useful later in the game.



**Baggage Claim**

Only one plane at a time may be in an airport, so if you know where another player wants to go, you can try to get there first. But clever strategy will lose to a good memory every time, and young children will often do better than their parents here.

Dorada and Baggage Claim are simple enough for gradeschoolers to enjoy. **Flying Carpet** (around \$28), on the other hand, is a light but challenging race game for older children and adults.

A stretch of desert and sky is divided into squares. The lower left square is the start, the lower right the finish. Set up the board by placing obstacles—trees, buildings, and clouds—wherever you like. Changing the obstacles makes each game different; adding more obstacles makes for a more difficult game.

Each player—three to six can play—holds four cards. You move your flying carpet by following the arrows on the card you play. (Each card gives you a choice of routes to take.) Each player also starts with five "directional tiles" that can be used to add or subtract a square from any move.

The board is divided into three wind zones. In the higher zones, the wind blows you to the right one or two squares in addition to your move. The higher the zone, the faster you move. You can also choose not to play a card on your turn, in which case you just move as the wind blows you, or drift down one square if you are in the low, calm zone.

(An optional rule allows you to roll a special die when you land on a square with a star in it. The die may bring you some advantage or cause you to lose a turn. This adds quite a bit of luck to the game, and we prefer to play without it.)

If you land on another player's





### Flying Carpet

square, you can either leave his or her carpet where it is, in which case it is blocked until you move again, or you can force it to land by moving it to the bottom of the board.

Flying Carpet has a nice mix of luck and strategy. Planning ahead to use your cards efficiently is a must. Players will usually try to land on the player in the lead, who then won't be in the lead any more. A neat psychological ploy, if you can pull it off, is to stay in second or third place throughout the race, hoping that no one will be tempted to blockade you, while saving your best cards and most of your tiles for an end-of-game dash to the finish square.

—Scott Marley

## FALCON'S MAZE

**\$35 postpaid; Falcon Games,  
P.O. Box 19675, Irvine, CA  
92714**

Imagine you have to cross a river and the only way is by building a path of steppingstones to the other side. At the same time, someone on the other side is trying to cross to your side. Each of you can only use your own steppingstones; your stones get in his way, and his in yours. As you both try to build paths that are not blocked by the other's stones, a complex, ever-widening maze develops.

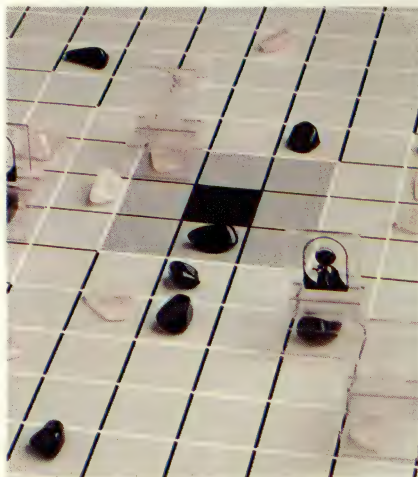
That's the basic idea of Falcon's Maze, an original board game combining strategy, tactics, and luck in just the right proportions to make each game a tense, absorbing race.

The board, a 19 x 19 grid of squares, is empty at first. Each player has a set of stones and two "scepters." The object is to get both of your scepters to the opponent's edge of the board by moving them from stone to stone, avoiding your opponent's stones.

In the very brief first phase of the game, you may place your stones only as far from your own edge of the board as your dice roll allows. But once your scepters are both in play (you can enter them onto your stones when you roll the right numbers), the second phase begins. Now—as part of your turn—you place further stones by counting spaces along a straight, unobstructed path in any direction from any of your stones already on the board. (For example, a four on one die lets you place a stone four squares from any of your previously placed stones, provided no enemy stones sit between them.)

In this second phase, your turn has two parts. The first part is mandatory: You must move one of your scepters in a straight line to another of your stones. This move (called a "flight move") may be any distance, but no opponent's stones can be crossed over. If you've placed your stones craftily, very long flight moves can be made. On the other hand, if your opponent can block your paths forward, you may be forced to move to your disadvantage.

After you've made your flight move, you start the second part of your move



### Falcon's Maze

by rolling the dice. The number on each die may be used to place a new stone (as described before), or optionally to make a "hop move" by moving your scepter from stone to adjacent stone. (A nice touch: The dice are shaken in a sealed, clear plastic box, which keeps dice rolls from going astray and messing up the board.)

In the center of the board is a darkened area called Falcon's Keep. If you are impetuous or careless enough to allow one of your scepters to be captured by an opponent's scepter, that's where it's put. And that's where it stays until you can free it with a hop move.

Escaping the Keep is thus impossible

unless you have at least one stone adjacent to it. But as long as your scepter is in the Keep you may not make any other move until it's free. So if you're not careful to set up an exit path from the Keep when you have the chance, you may never get the chance, and this could cost you the game.

The stones, by the way, are two contrasting sets of actual semiprecious gemstones (the particular ones included are marked on each box's bottom): tiger eye, agate, obsidian, rose quartz, jasper, amethyst, carnelian, and many others. This makes Falcon's Maze not only an unusually interesting game, but a beautiful collector's item as well.

—Burt Hochberg

## FANTASY GAMES FROM GAMES WORKSHOP

In England, Games Workshop is games. They have shops scattered throughout the U.K., a U.S. office, a 100-page monthly magazine devoted to fantasy and science fiction gaming, and a production schedule that would intimidate most stateside game companies.

Recent GW games like Blood Bowl and Chainsaw Warrior (reviewed August/September 1987) have had bizarre and violent themes. Happily, two of their newest games produce their thrills in more traditional ways.

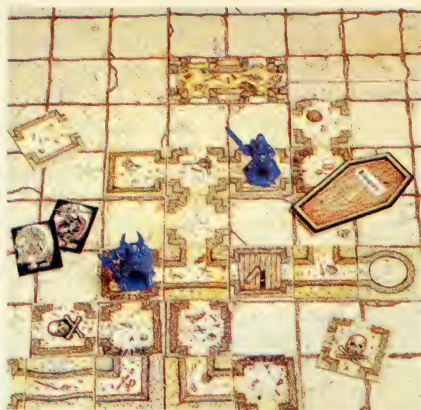
**Dungeonquest** (\$20) is a boardgame of dungeon crawling and loot gathering. Hardly a new idea, of course. Up to four players assume the roles of adventurers, who start with a number of Life Points (which decrease, you guessed it, as monsters and traps take their toll), and various levels of four characteristics (in this case, strength, agility, armor, and luck).

The dungeon is built as players lay down tiles, adding to the maze of corridors and rooms. Nothing new so far.

But Dungeonquest adds a few simple touches that increase the fun. The room tiles contain such surprises as bottomless pits and cave-ins. You search the rooms for monsters and treasure by drawing from the seven ingeniously designed decks of cards in the game, which can yield life-saving potions, jewelry, or perhaps items of a less desirable sort.

The game's combat system is also novel. Faced with a monster, you can choose to Escape, Wait and See, or Attack. A Monster Card then reveals its action in response to your decision. If there's combat, you can Slash, Leap





**Dungeonquest**



**The Fury of Dracula**

Aside, or make a Mighty Blow—but the monster has the same options, too (as chosen by another player). When choices are revealed, a grid determines the result.

In another neat touch, each monster's life points are kept secret until it's killed. You never know the strength of your opponent.

The object is to get to the treasure room in the center of the board, gather some loot without waking the dragon—you decide how many turns you'll risk staying—and get out alive.

Horror fiction is as popular as ever, but horror games, good or bad, are far and few between. **The Fury of Dracula** (\$26) is a horror game, and it's very good indeed.

Three players act as Professor Van Helsing and other scholarly hunters of Dracula. A fourth is the musty old Count himself. If Dracula is defeated, all three hunters win. Otherwise. . .

The hunters move on an atmospheric board depicting Europe, marked with cities, road, rail lines, and Dracula's Castle in Transylvania. The Count moves secretly, leaving behind "Rumors" and "Encounters" with lesser vampires and other nasties. Each hunter asks Dracula to reveal any Encounters they come across as they move

from city to city. With luck, the Encounters reveal a trail leading to the Count.

Hunters are armed with all the usual weapons, including sharpened stakes and holy waters, while Dracula can use his spectral powers of hypnosis or a good old bite in the neck. Two bites, and a hunter joins Drac's forces of undead. But Dracula can lose "Blood Points" and may have to hastily retire to his castle.

His castle is his stronghold—traditional weapons won't harm him there—and if he survives three turns at his castle he wins the game. Hunters can draw new weapons when they enter a city, or select an event card. Event cards are marked with a cross (for hunters) or a bat (for you know who). Cards are drawn from the *bottom* of the deck, so you never know what might be revealed. Some force Dracula to disclose his location, for example, while others give hunters extra resistance to bites.

Combat between Dracula and the hunters uses a grid similar to the one in *Dungeonquest*. But there are many more combinations here, with a wide variety of results.

The *Fury of Dracula* doesn't really capture the gothic horror of Bram Stoker's novel, but it does a superb job of turning the vampire hunt into an exciting, strategic game. —Matthew Costello

## DESIGNER DOMINOES

**Puremco Manufacturing, Box 691; Waco, TX 76703, or call 1-800-527-2111; mallard duck dominoes, 1 x 2 x 1/2 inches thick, \$26.45 ppd.; 3/8" thick (not shown), \$22.45 ppd.; send for free catalog for other styles**

Serious domino players need serious dominoes. Poorly-made dominoes chip and scratch easily, becoming as useless as a smudged deck of cards. Puremco's dominoes are made from a tough polyester resin, then polished until they look and feel cool and smooth as ivory.

Puremco also makes dominoes with pictures on the backs. The inks they use sink into the resin, so the pictures won't wear off even with heavy use. Their mallard duck dominoes are shown above right, but you might prefer geese, bass, or armadillos. A free catalog shows 54 designs, including several state flags and university logos from the southwest.

Or you can have a personalized set, with your name imprinted on each domino in gold letters. Domino cases, rule books, and scorekeepers are also available.



**Puremco Dominoes**

And, yes, they even make dominoes—in white, green, red, or black—with nothing on the backs at all.

—Scott Marley

## ELECTRONIC GAMES

### VIDEO GAME SYSTEMS

Never before had the public craved new technology so eagerly. The first home video game systems were available in the late '70s, and immediately there was an astonishing demand for them. Games of incredible diversity, from maze games to shoot-'em-ups to space games, were snapped up as soon as they appeared in stores. The boom in electronic games seemed limitless.

By 1983, the market for electronic games had collapsed. What happened?

For one thing, makers of game cartridges found they could get rich quicker by knocking off clones of established hits. Soon there were nearly a dozen cheap imitations of *Pac-Man* available; genuinely new games, though, were few.

Furthermore, affordable computers like the Commodore 64 were becoming available, and Atari and other makers of game systems tried to compete by adding keyboards and other peripherals instead of continuing to produce quality software. Several companies even came out with whole new systems,





**Mike Tyson's Punch-Out!**



**Rad Racer**

abandoning everyone who had bought their earlier, now-obsolete systems.

Before long, potential buyers looked around and saw that the new video games looked pretty much like the old

ones, and that the fancy video game systems often became obsolete in a few years. Not surprisingly, most decided to save their money and go to the movies instead.

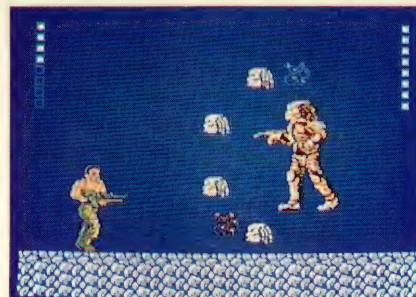
Most manufacturers concluded that video games were a fad, and had gone the way of the hula hoop. But a few small companies like Nintendo thought otherwise. Consumers would still go for a quality video game system, they felt, if it were supported by a large variety of interesting and different games to choose from.

Slowly these companies rebuilt the electronic game industry. And now the boom in electronic games is back, with sales growing rapidly last year while most other kinds of toys and games had disappointing sales.

This year, manufacturers continue to produce sophisticated video games and games systems, with features that would have been thought impossible just a few years ago.

#### Nintendo

Nintendo has done more than any other company to bring home video games back into popularity. This year they are introducing two new packages. The **Action Set** gets you started for about



**Predator**

\$120, which includes two joystick controllers, the Zapper light gun, and two games, Duck Hunt and the terrific Super Mario Bros. Alternatively, the new **Control Deck** set is about \$100, which gets you two joystick controllers and Nintendo's *Official Player's Guide*. The guide is a full-color 164-page book full of tips, tricks, and basic how-to-play information on over 90 of the most popular games for Nintendo.

One of Nintendo's new games this year is **Mike Tyson's Punch-Out!**, an adaptation of the arcade boxing game. As Little Mac, you can fight Glass Joe, Piston Honda, and a host of other fictional challengers as you make your way up the ladder, hoping ultimately to fight Mike Tyson himself. To win, you'll



# THINK OR SWIM.

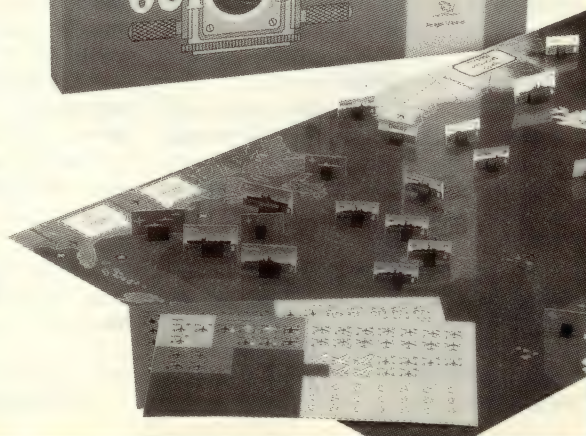
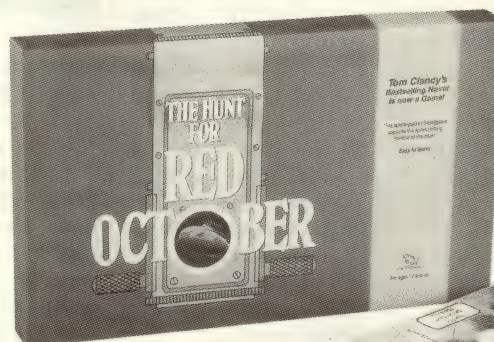


The ultimate naval confrontation awaits you in TSR's new **THE HUNT FOR RED OCTOBER™** Board Game.

Based on Tom Clancy's best-selling novel, players take command of NATO and Soviet naval forces in a 'search and destroy' mission for the world's most advanced submarine. Combatants are equipped with ships, subs, battle scenarios, weapon systems, oceanic and sub-oceanic maps.

This fast-playing easy-to-learn game comes with one set of rules that allow you to play eight entirely different scenarios. Hours of mind-detonating excitement. With every move . . . it's think . . . or swim!

Search out and buy **THE HUNT FOR RED OCTOBER** Game at your favorite book, hobby or retail store.



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have to find each opponent's weakness and then attack. A nice touch: In between rounds your trainer will offer you tips on what to do in the upcoming round.

Also new this year is Nintendo's first 3-D game, **Rad Racer**, which comes with special red/blue glasses. (The game can also be played in 2-D if you prefer.) Choose an F-1 racer or a 328 Twin Turbo Ferrari, then maneuver through tricky curves and past other vehicles on one of eight courses, set against backgrounds like Athens, San Francisco, or the Grand Canyon. Like to listen to music while you drive? No problem: Three different melodies are available.

Plenty of other companies, too, are coming out with games for Nintendo's system. Leading the way in sales—and advertising budget—is Konami's **Top Gun**. Get behind the controls of your F-14 jet and battle enemies in the sky, on the sea, and on the ground. There are four tough levels to soar through.

Data East's **Karnov** sends you, as one-time circus strongman Jinborov Karnovski, through a monster-infested countryside seeking the lost treasure of Babylon. Taito's **Cycle Shooting** pits you against punk bikers on a rampage through city streets.

Activision has brought out an all-new **Super Pitfall**, **Zombie Master**, and **Predator**, a realistically detailed shoot-'em-up based on the Arnold Schwarzenegger movie.

Bandai's innovative **Family Fun Fitness** hooks up a control mat to the system; players affect the action on the screen by jumping and jogging in place on the mat. Bandai has brought out two new additions this year: Stadium Events, which simulates four different track and field events, and Video Aerobics.

Nintendo, by the way, has started a Game Assistance Hotline, at 206-885-7529. All-knowing game counselors are ready to give you that important clue or secret that you just can't seem to discover on your own.

#### Atari

Atari is the name most associated with the first boom in video games a decade ago, but the company fell on hard times. Well, Atari is back. Nolan Bushnell, the inventor of Pong—remember Pong?—and founder and president of Atari during its spectacular rise, sold his interest in the company. Jack Tramiel, once the guiding force behind Commodore's computers, took over the foundering company and has made it successful again.

True, Atari's line of personal and business computers hasn't come close to matching Commodore's success. But there is plenty of excitement about Atari's perennial 2600 Video Computer System, 7800 ProSystem, and their new XE Game System.

The **2600 VCS**, still the world's most popular game system, has been made more compact. Admittedly, the newer, more expensive systems have much better graphics, but the 2600 is priced at under \$50 and boasts an enormous assortment of games, with many new and old titles available for under \$10. Atari has introduced over a dozen games for spring and summer, includ-



Desert Falcon



Pole Position II

ing **Real Sports Boxing**, a two-fisted action game, and **Desert Falcon**, a quest for gems and hieroglyphics.

Other companies, too, are bringing out games for the 2600. Activision has brought back many of its older games, as well as some previously released by Imagic. New from Activision are **Commando**, in which you fight rebel forces, with machine gun and hand grenades, and **Kung Fu Master**, an adaptation of the arcade hit and the first karate game for the system.

A new company, Absolute Entertainment, has introduced two new games for the 2600. **Title Match Pro Wrestling** lets you use body slams, punches, and airplane spins as you compete to become tag team champion. **Skateboardin'** makes you a student late for school, maneuvering through a maze of city streets, sidewalks, and parks.

The **7800 ProSystem** is Atari's inter-

mediate system, featuring arcade quality graphics and a growing selection of titles, many under \$20. The system costs less than \$80 and includes **Pole Position II**, a terrific driving game with four demanding courses and great visual effects, including detailed background scenery to watch as you drive.

**Karateka**, for the 7800 from Broderbund Software, is an exciting game of karate where kicks and punches are your only weapons in your efforts to rescue the kidnapped princess Mariko. **Summer Games** and **Winter Games**, two by Epyx, simulate a variety of Olympic events from track and field to bobsledding, swimming to ski jumping, with remarkable realism. All that's missing are the commercials.

Atari bills its advanced **XE Game System** as having "everything for the sophisticated game player in one box." Priced under \$150, the XE features 64K of memory, an attachable keyboard, joystick, and video light gun. An extensive library of cartridges is available, from games to practical computer applications like word processing.

One of the three games included with the system, **Flight Simulator II**, shows off the capabilities of the XE system particularly well. You can admire the 3-D color graphics as you pilot your Piper 181 Cherokee Archer through the skies.

Remember Pong? Neither do I.

#### Sega

Sega's specialty in the coin-op arcade business has been the creation of eye-popping equipment. So it's not surprising that their **3-D Super System** for the home is just as impressive. Priced around \$150, the new 3-D Super System includes two control pads, a light phaser, 3-D goggles, and a 3-D game cartridge. (The Sega Master System, without the goggles and 3-D cartridge, is around \$100 and was reviewed in March GAMES.)

Sega's 3-D goggles aren't the cardboard variety you pick up at the movies. These sleek black wraparound frames contain liquid crystal shutters that open and close in perfect sync with the left-eye and right-eye views that rapidly alternate on the screen. The result is 3-D without flickering, color loss, or blur.

Leading Sega's collection of 3-D games is **Zaxxon 3-D**, which gives flying in space a new meaning. Enemy fighters in every direction must be destroyed or eluded before you can reach the first of many battle fortresses.

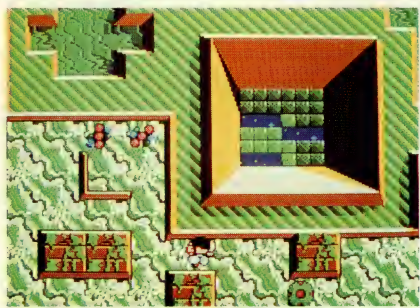
**Maze Hunter 3-D** gives depth to a 27-level network of passages where aliens and other surprises lurk around every corner. The 3-D effect in this



game is particularly eyecatching.

**3-D Space Harrier**, based on the arcade game, sends boulders and other objects hurling at you, for you to dodge or blast away. One moment you see them appearing on the horizon, and the next they're popping out of the screen at you. The inanimate objects are creepy, with the rocks illustrated to resemble grotesque human faces.

But 3-D isn't Sega's only innovation. The game cartridge for **After Burner**, an aerial dogfighting game, holds an astonishing four megabytes of computer memory, more than a home video game has ever had before. This memory gives After Burner a tremendous feel



**Maze Hunter 3-D**



**3-D Space Harrier**



**After Burner**

of realism: You have very precise control over your F-14 Thunder Cat, which responds to your slightest movement. A too-hasty reaction, like suddenly veering to the left, can send you spinning. Watching sky and sea somersault until you regain control is a visual sensation you'll have to experience to believe.

#### **Freedom Stick**

Whether you're using the Atari's joy-

stick, the Nintendo's joypad, or the Sega's control pad, you can't get any farther away from your screen than the length of your wires. Camerica Corporation eliminates that electronic umbilical cord with its new **Freedom Stick**, the first infrared remote control joystick. Around \$70, the Freedom Stick can be used with all three home video systems as well as with Commodore computers.

Completely wireless and easy to hold in your hand, the Freedom Stick features automatic rapid fire and arcade-style microswitch construction that responds to your touch no matter how far away from the screen you sit.

—Roger C. Sharpe

## **CHESS TOURNAMENT REPORT**

### **CHESS FEVER IN CANADA**

A month-long World Chess Festival in Saint John, New Brunswick, Canada, offered a record total prize fund of \$400,000 for seven separate events, ushering chess into a new era as a big-money, spectator sport in North America. Nearly 1,000 players from 30 nations took part, including more than 30 grandmasters and 30 international masters.

The Festival was almost a total disaster for the Soviet contingent. With identical scores of 7-2, American grandmasters Joel Benjamin and Yasser Seirawan won both International Open tournaments. And in the most important event, the Candidates' Matches—which are part of the process of selecting the next challenger for the world championship—all Soviet contenders except the two who played each other were eliminated. The winners of the following seven Candidates' Matches will be joined by former world champion Anatoly Karpov in the next elimination series, the eventual winner of which will challenge world champion Gary Kasparov, 24, in 1990:

1. Jonathan Speelman (England) 4, Yasser Seirawan (USA) 1.
2. Johann Hjartartson (Iceland) 4½, Viktor Korchnoi (Switzerland) 3½.
3. Nigel Short (England) 3½, Gyula Sax (Hungary) 1½.
4. Jan Timman (Netherlands) 3½, Valery Salov (USSR) 2½.

5. Lajos Portisch (Hungary) 3½, Rafael Vaganian (USSR) 2½.

6. Artur Yusupov (USSR) 3½, Jan Ehlvest (USSR) 1½.

7. Kevin Spraggett (Canada) 6½, Andrei Sokolov (USSR) 5½.

In the Spraggett-Sokolov match, the last game (in overtime) was played at the extremely fast time limit of 15 minutes per player. Quality suffered terribly.

More surprises jolted fans in the first-ever World Blitz Championship, a two-day \$100,000 event where a field of 32 vied for a first prize of \$50,000. This went to the oldest competitor and sentimental favorite Mikhail Tal, 51, of the Soviet Union, "the magician from Riga" who briefly held the world title in 1960 before kidney trouble hindered his career. Both Kasparov and Karpov were eliminated in the early rounds of this exciting event, in which each player had only five minutes to make all his moves for the entire game. Kasparov, though a queen and bishop ahead against Bulgaria's Kiril Georgiev, 22, permitted a stalemate draw in an elementary endgame!

In blitz chess, the clock can be even more of an enemy than the opponent. Reversals of fortune are common (unlike regular chess), and a player with a clear, winning advantage may still lose on time. Blitz calls upon each player's skill, instinct, experience, guts, nerve, and sheer manual dexterity.

#### **An Instant Replay Rule for Chess?**

In the blitz tournament, state-of-the-art technology instantly flashed moves and elapsed times on huge overhead chess boards. In the hushed hall, packed with hundreds of spectators, the only sound was the clicking of push-buttons as players hit their clocks with ever-increasing speed. The audience gasped at the first use of "instant replay" in chess history, when Rafael Vaganian advanced to the finals after being allowed to retract an unintentional illegal move in an easily won endgame against Georgiev.

International rules for blitz specify that a move is completed when your hand quits the piece; if a player exposes his own king to check (as Vaganian did), the opponent can win by capturing that king—as Georgiev did in this case. But at a meeting before the tournament, players had agreed that a player who has not yet punched his clock may retract an illegal move without penalty. After some discussion, a TV replay was used to confirm that Vaganian was saved by this technicality.

—Larry Evans



# GAME PIECES

## GAME PERIODICALS

Scores of specialized magazines and newsletters are published on games. As a reader service, we are providing a partial list of such periodicals, with subscription information and a brief description. Some of these publications are the official magazines or newsletters of an organization; in such cases, a membership fee must usually be paid, after which the magazine or newsletter is received for no extra charge. Readers interested in subscribing for more than one year are advised to write to the periodical to find out whether any cheaper long-term rates are offered. Non-U.S. subscribers should verify subscription rates before sending any money, and all subscribers should be aware that rates can change without notice.

### General Interest

The Gamers' Alliance Report  
H.M. Levy  
P.O. Box 197  
East Meadow, NY 11554  
*Quarterly, \$20/year includes GA membership.*  
*Newsletter with game news and reviews.*

Game Times  
American Game Collectors' Association  
Box 1179  
Great Neck, NY 11023  
*Quarterly, \$20/year includes AGCA membership; for information, contact: Patti Becker, 42 Russet Rd., Stamford, CT 06903.*  
*Articles on game collecting, with emphasis on pre-WW2 games.*

World Game Review  
Michael Keller  
3367-I North Chatham Road  
Ellicott City, MD 21043  
*Two to four issues/year; \$8/four issues (make checks payable to Michael Keller).*  
*Articles, game reviews, and puzzles for the aficionado.*

### Bridge

The Bridge World  
39 West 94th Street  
New York, NY 10025  
*Monthly, \$26/year.*  
*Articles and problems for advanced players.*

The Contract Bridge Bulletin  
American Contract Bridge League, Inc.

2200 Democrat Road  
P.O. Box 161192  
Memphis, TN 38186  
*Monthly, \$1/year to ACBL members (membership is \$15/yr).*  
*The official publication of the ACBL, with tournament listings, articles, and problems mostly for novice and intermediate players.*

### Chess

Chess Life  
U.S. Chess Federation  
186 Route 9W  
New Windsor, NY 12550  
*Monthly, \$25/year includes USCF membership; discounts available to juniors, students, and seniors.*  
*Annotated games, chess news, problems for players of all levels.*

### Go

The American Go Journal  
American Go Association  
Box 397  
Old Chelsea Station  
New York, NY 10113  
*Quarterly, \$20/year, which also includes AGA membership and the American Go Newsletter.*  
*Games and articles for players of all levels.*

Computer Go  
David W. Erbach  
71 Brixford Crescent  
Winnipeg, Manitoba R2N 1E1  
Canada  
*Quarterly, \$10/year.*  
*News on computer go programs and events.*

Go World  
Ishi Press International  
1400 Stierlin Road, Bldg. A7  
Mountain View, CA 94043  
*Quarterly, \$12/year.*  
*Annotated games, go news, problems for players of all levels. Superb.*

### Othello

The Othello Quarterly  
920 Northgate Avenue  
Waynesboro, VA 22980  
*Quarterly, \$6/year includes U.S. Othello Association membership.*  
*The official publication of the USOA, with articles, annotated games, and problems for players of all levels.*

### Adventure Gaming

Dozens of magazines can be found on simulation and roleplaying games. Most major adventure gaming companies publish at least one such magazine to complement their own products, while other periodicals are independently run. The list that follows is a small sample of titles that can be found at stores specializing in adventure games.

Challenge  
Game Designers' Workshop  
P.O. Box 1646  
Bloomington, IL 61702-1646  
*Quarterly, \$13/year.*  
*Articles on GDW roleplaying games (Traveller, Traveller: 2300, Twilight: 2000).*

Computer Gaming World  
Golden Empire Publications  
515 S. Harbor Blvd., Suite C  
Anaheim, CA 92805  
*Monthly, \$29.50/year.*  
*Articles and game reviews of computer games, with emphasis on wargames.*

Dragon Magazine  
TSR, Inc.  
P.O. Box 110  
Lake Geneva, WI 53147  
*Monthly, \$30/year; send orders and make checks payable to: TSR, Inc., P.O. Box 72089, Chicago, IL 60678.*  
*Note: TSR also publishes Dungeon Magazine, containing adventures for TSR roleplaying games.*

Fire & Movement  
The Forum of Conflict Simulation  
Diverse Talents, Inc.  
5374 Village Road  
Long Beach, CA 90808  
*Bimonthly, \$20/year.*  
*Game reviews, articles on conflict simulation games.*  
*Note: DTI also publishes these other adventure game magazines: Battleplan, Breakout, and Space Gamer/Fantasy Gamer.*

The General  
The Avalon Hill Game Company  
4517 Harford Road  
Baltimore, MD 21214  
*Bimonthly, \$12/year.*  
*Articles on various Avalon Hill games.*

Strategy & Tactics  
World Wide Wargames (3W) Inc.  
P.O. Box F  
Cambria, CA 93428  
*Eight issues/year, \$40; make checks payable to 3W.*  
*Simulation game articles, with an original game in each issue.*

The Wargamer  
World Wide Wargames (3W) Inc.  
P.O. Box F  
Cambria, CA 93428  
*Bimonthly, \$15/year; make checks payable to 3W.*  
*Simulation gaming articles, players' and designers' notes, game reviews.*

White Dwarf  
Games Workshop U.S.  
1220 Key Highway  
Baltimore, MD 21230  
*Monthly, \$23/year.*  
*Articles on roleplaying games.*



# Archimedes

## A New Game For Two

BY PHILIP COHEN  
AND SCOTT MARLEY

When Roman ships attacked Syracuse, the mathematician Archimedes showed the soldiers of Syracuse how to focus the sun's rays with their shields on the wooden ships, causing them to burst into flame.

The game Archimedes is inspired by this legend. Players destroy enemy ships by focusing imaginary rays on them, while trying to invade the enemy port. Destroyed ships, though, can be rebuilt later.

### Equipment

Archimedes can be played with a standard checkers set. The board is an 8x8 grid, and each player has 12 "ships" represented by checkers of one color.

### Setting up

Each player's home port is the near left corner square. Ships start around the ports as shown in the opening setup below. Players alternate. Each turn has two parts: moving, and (when possible) destroying ships.

### Moving

Each player moves one ship each turn. A ship moves any number of empty squares in a straight line, either vertically, horizontally, or diagonally (that is, like a chess queen). However, a ship may never end its turn in its home port.

### Destroying Ships

Two opposing ships "attack" each other if they face each other along a straight line with no other ships between them (so that each could move to the other's square). A ship that is under attack from three or more enemy ships is "vulnerable." At the end of your move, you must destroy all vulnerable enemy ships by removing them from the board.

In the example below, the white ship on b3 is under attack from black ships on a2, b1, and d3, and can be destroyed.

You can only destroy enemy ships after your move. Sometimes, if an enemy ship is vulnerable at the beginning of your turn, your move in that turn will make it no longer vulnerable. When this happens, you cannot destroy the ship.

If the destruction of one ship makes another ship vulnerable that wasn't vulnerable before, both ships must be destroyed. In the example below, destroying the white ship on f8 makes the ship on g8 vulnerable. Both are destroyed.

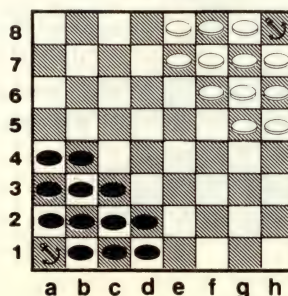
### Rebuilding Ships

At the beginning of your turn, you may rebuild one of your destroyed ships. The ship is placed in your home port, and since ships may not end a turn in their own port, you must use your turn to move the ship out of port. Therefore, you cannot rebuild a ship until you have a vacant square to move the ship to.

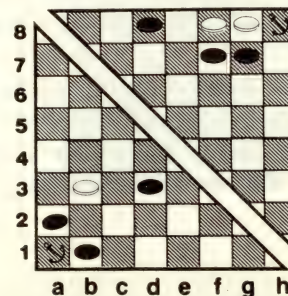
### Winning

You win the game by moving one of your ships into the enemy port, provided that your opponent cannot destroy it on his or her next turn. (If your opponent can destroy it, the game continues.)

Opening Setup



Examples of play (see text)





# "Now Here's An Abacus I Can Really Count On."



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gram can turn any number fumbler into a math whiz virtually within minutes.

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Put two and two together and you'll see that Abacus 1.0 is for you.

**Abacus** 

**NAT SOH SYSTEMS**

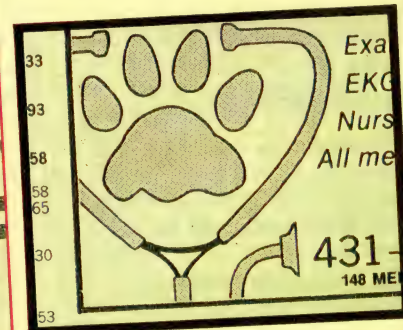
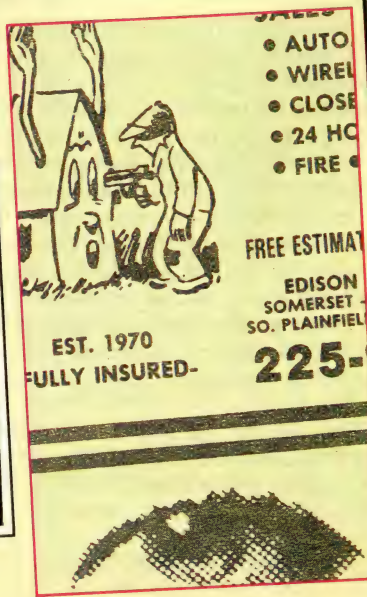
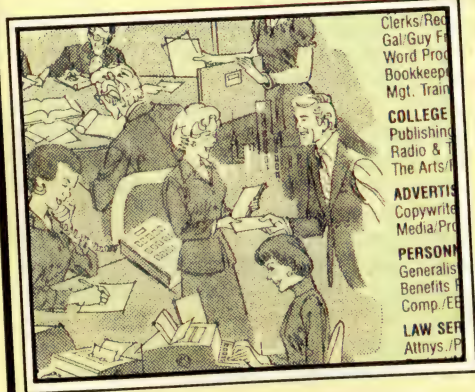
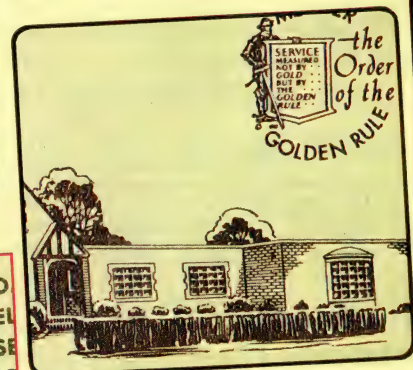
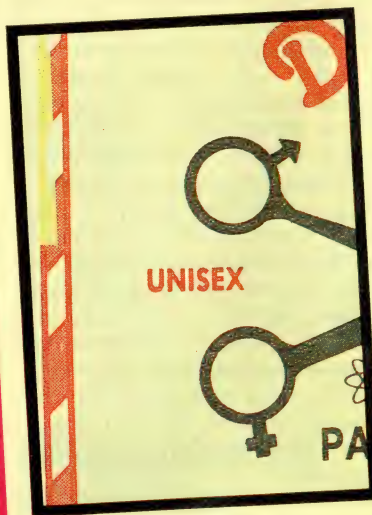
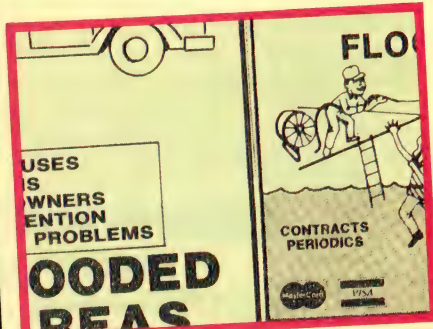
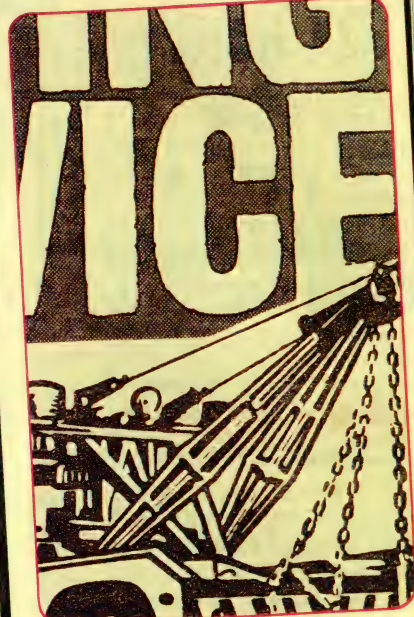
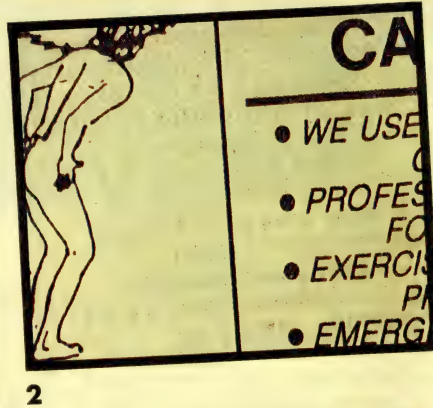
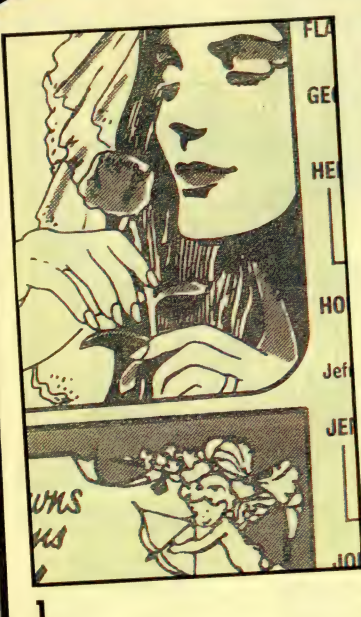
For the address of the nearest dealer, call 011-215-34-555-1284 or write:  
56 Street of the Glorious Cultural Revolution, Beijing, China.



# Directory Assistance

Can you identify the type of store, product, or service being advertised in each of these excerpts from the yellow pages?

ANSWERS, PAGE 57





## CONTEST RESULTS

FROM JANUARY

### TRIPLE CROSS II

In our third Triple Cross contest, readers had to create a crossword in a grid like the ones shown below. The object was to avoid, as much as possible, repeating letters in the crossword, since each different letter of the alphabet used scored one point.

Of the 672 entries we received, more than half had grids that scored the maximum possible 21 points. Under the rules of the contest, ties between entries with identical scores were to be broken in favor of entries whose set of unused letters came first alphabetically. (In general, this rule encouraged contestants to incorporate more of the hard-to-use consonants, such as W, X, and Z, into their grids.) Ten contestants found a way to use all the letters except B, F, J, Q, and V; apparently, no improvement is possible.

The winner of the contest, chosen by random draw from among the tying entries, is Kyle Corbin of Raleigh, North Carolina. He will receive the grand prize of a compact disc player plus \$100 worth of discs. Runner-up prizes of a GAMES T-shirt (also determined by random draw) go to: David Gifford, St. Louis, MO; Paula Hrbacek, Pensacola, FL; John Knoderer, Granite City, IL; Michael S. Wolfberg, Concord, MA.

—R. Wayne Schmittberger

#### The winning grids

|   |   |   |   |   |  |   |   |   |   |   |
|---|---|---|---|---|--|---|---|---|---|---|
| P | U | C | K | A |  | D | R | O | N | G |
| R |   | H |   | Z |  | U |   | X |   | L |
| E | X | O | D | Y |  | C | H | I | T | A |
| N |   | L |   | M |  | K |   | M |   | Z |
| T | W | I | G | S |  | S | P | E | W | Y |

21 different letters; unused are: B F J Q V

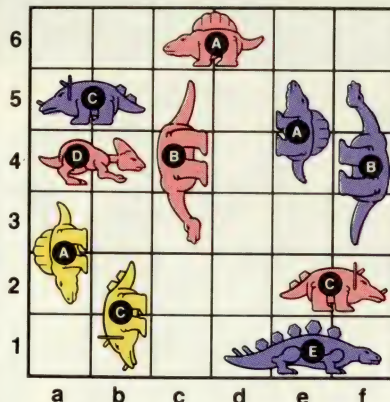
FROM MARCH

### DINO GAMES

This challenge may well have had the most complicated rules ever to appear in a GAMES contest. Nevertheless, we received a respectable total of more than 200 entries, 25 of which tied for high score with 295 points.

Contestants were to make seven moves in an imaginary game played with dinosaur-shaped pieces ("dinos") on a 6 x 6 square gameboard. Dinosaurs

came in three colors (red, purple, and yellow) and five different species (A, B, C, D, and E), and were arranged as shown:



Subject to certain "restrictions" (see below), a dino's head could move any number of spaces along an open line, including diagonally; the body could then be aligned in any direction, but had to take up the same number of squares as it did originally. (Some solvers tried to align dino heads and bodies diagonally, but this violated the rule against having dinos change shape.)

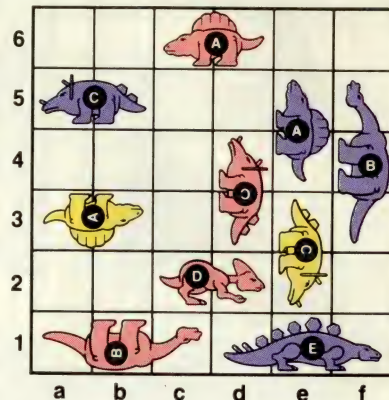
Five restrictions (numbered 1 through 5) limited how the dinos could move: Neither a red dino head (restriction 1) nor a purple dino head (2) could move just one space; dino heads of species A (3) and C (4) could not move more than one square; and no dino head could move to a corner square (5).

The object of the contest was to make seven moves, each of which could consist of either eliminating a restriction or moving a dino. (Dino moves could violate restrictions that had been eliminated in a prior move.) After those seven moves, the resulting board position was scored according to a point system. Each different pair of dino heads in the same row, column, or diagonal scored two points; each different pair of dinos occupying adjacent squares (this did not include squares touching only at corners) scored four points each; each dino not occupying any edge square scored 15 points; each square whose corners were formed by the heads of four dinos scored 24 points; and each dino not adjacent to any other dinos scored 31 points.

The highest scoring set of moves, used by all the contestants who submitted entries with a score of 295, was as follows:

1. Eliminate restriction 4.
2. Move Yellow A dino to b3-a3 (with its head at b3).

3. Move Yellow C dino to c2-b2 (with its head at c2).
4. Move Red C dino to d4-d3 (with its head at d4).
5. Move Yellow C dino to e2-e3 (with its head at e2).
6. Move Red B dino to c1-b1-a1 (with its head at c1).
7. Move Red D dino to d2-c2 (with its head at d2).



The resulting position, shown above, scored as follows:

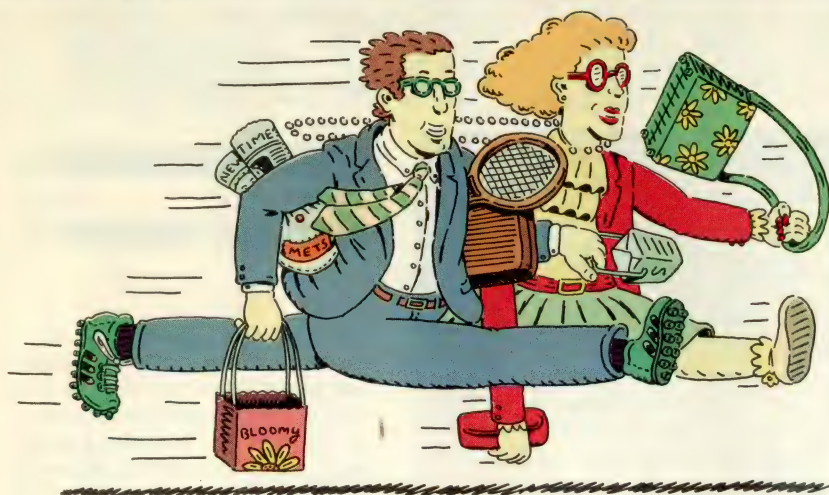
| Scoring Category                                   | Point Value | Total Score |
|--|-------------|-------------|
| 13 different pairs of aligned dino heads.....      | 2           | 26          |
| 11 different pairs of adjacent dinos.....          | 4           | 44          |
| 4 different dinos not on the board edge.....       | 15          | 60          |
| 3 different squares formed by dino heads.....      | 24          | 72          |
| 3 different dinos not adjacent to other dinos..... | 31          | 93          |
| <b>TOTAL SCORE</b>                                 |             | <b>295</b>  |

The corners of the squares, not easy to see, are a5-c6-d4-b3, b3-d4-e2-c1, and b3-c6-f5-e2.

The winner, chosen by random draw (as provided by the rules), is Frank Levinson of St. Louis, Missouri. He will receive the grand prize of \$250. Runner-up prizes of a GAMES T-shirt (also chosen by random draw from among the entries with a score of 295) go to: Cyrus E. Crowder, Midland, MI; Jim Griffith, Oakland, CA; Rob Johnson, College Park, MD; Timothy Keller, Los Angeles, CA; and John Knoderer, Granite City, IL.

—R. Wayne Schmittberger





# Two By Two

## PEAR PAIRS ★

by E. Cox and H. Rathvon

Pedro, Patti, and Penelope each ate a pair of pears. The six different varieties of pear consumed were Anjou, Bosc, Bartlett, Clapp Favorite, Comice, and Seckel. One of the girls was the only person who ate two pears whose varieties started with the same letter. Pedro ate the Bartlett, but not the Seckel. Penelope ate the Comice pear.

Who ate which pair of pears?

## BUSY WEEK ★★

by Carol Eastman

Robert Smith and his wife, Susan Brown-Smith, are a hard-working professional couple who, when they leave their offices at the end of the day, unwind at the health club and then go out to dinner. Their schedule is so busy that they have trouble reconstructing their week. For instance, on a recent Saturday morning, they had the following conversation.

Robert: "You know we never have our aerobics class on Friday."

Susan: "Of course not, we had aerobics class the day after we ate at Pasquale's Pasta."

Robert: "But I remember we ate at Ming Ming Mandarin House the day before we went swimming."

Susan: "Yes, and we always play tennis the same day we eat at La Grande

Cuisine."

Robert: "And we ate at Muchas Enchiladas two days before we ate at Samurai Sushi."

Susan: "And our racquetball game was two days before our jogging session."

Robert: "We ate Mexican the day after we ate Chinese!"

Susan: "Yes! So it is all clear to me now. On Monday . . ."

How did Susan outline the week correctly to Robert?

## DINNER PARTY ★★★

by Carolyn Van Syckel

At the Carlsons' dinner party, the six couples (Abram, Baxter, Carlson, Davis, English, and Forrest) were seated at the table (shown below) so that men and women alternated. None of the husbands (Andy, Bob, Charles, David, Elton, and Frank) was seated next to his



wife (Alice, Barb, Carla, Debra, Ellen, and Faith). No one's first and last names begins with the same letter, but the women at the ends of the table have the same two initials (in opposite orders, of course). Everyone had one initial in common with one adjacent guest, except for Barb, David, Ellen, and

Frank, who shared an initial with each of their two neighbors.

1. Mrs. Davis was seated on the lower side of the table, directly across from Ellen.
2. Mrs. English sat between Charles and David and across from Mrs. Baxter; Barb sat on David's other side.
3. Mr. Forrest was on Alice's left and Mrs. Abram's right.
4. Mr. Baxter wasn't seated next to Barb.
5. Mrs. Carlson wasn't seated next to Andy.

Who was sitting where?

## WHAT'S IN A NAME? ★★★

by J. Mark Thompson

A foursome of young women (named Alice, Betty, Carol, and Darlene), who were two pairs of roommates, were engaged to four young men (Elwyn, Frank, Gary, and Henry), who, coincidentally, were also two pairs of roommates. The surnames of the eight were Naylor, Nielson, Peabody, Penn, Ritter, Smith, Stoddard, and Todd.

Knowing only this and the information below, can you tell each person's full name, who was engaged to whom, and which people were roommates?

1. Betty's roommate and her fiancé were the only engaged couple with the same last initial.
2. Gary's roommate and his fiancée were the only engaged couple whose surnames ended in the same letter.
3. Frank's roommate and his fiancée were the only engaged couple whose last names both contained a double letter.
4. Alice's roommate, who was the fiancée in the only engaged couple not yet mentioned, was the only woman among the eight whose surname was longer than her fiancé's.
5. Only one pair of roommates had first names ending in the same letter. These two were engaged to two people (who were *not* roommates) whose surnames ended in the same letter.
6. Only two of the eight had surnames that were the same length as their given names. These two were the same sex, but were not roommates; and the two people to whom they were engaged were also not roommates.

ANSWERS, PAGE 56



EDITED BY MIKE SHENK

# IN OTHER WORDS POLISH 101

You don't need to know Polish to take this test—just match the 15 Polish words (1–15) with their English translations (a–o), and see if you aren't surprised at just how much Polish you know.

1. *analfabeta*
2. *antysanitarny*
3. *apolityczny*
4. *centrala*
5. *defraudować*
6. *dres*
7. *dyrekcja*
8. *fizyk*
9. *karawan*
10. *konserwy*
11. *kwota*
12. *pietyzm*
13. *pozytywny*
14. *protokół*
15. *szkoła wyższa*

- a. board of directors
- b. canned food
- c. definite
- d. embezzle
- e. head office
- f. hearse
- g. illiterate
- h. minutes
- i. nonpolitical
- j. physicist
- k. sum
- l. track suit
- m. university
- n. unsanitary
- o. veneration

—Ruth Freedman



# WORDPLAY TO THE POINT

Take a certain two-word phrase meaning "bureaucracy," put the second word *before* the first and close up the space, and you'll get a new word meaning "pointed." What is the original two-word phrase?

—Fraser Simpson

# NUMBER PLAY POLITICAL FIGURES

In the addition problem below, each digit (0 to 9) that appears has been replaced by a different letter of the alphabet. Can you reconstruct the original problem?

NANCY  
+ RONNY  
-----  
REAGAN

—Jack McDonald

# TRIVIA KID SHOWS

Each of the actors below played the title role (in *two* cases, one of two title roles) in a movie whose title ends with the word *KID*. True kids at heart should be able to name at least seven of the movies.

1. Ralph Macchio
2. Steve McQueen
3. Robert Redford (with Paul Newman)
4. Matt Dillon
5. Bob Hope
6. Eric Roberts
7. Charles Grodin
8. Gene Wilder
9. Kris Kristofferson (with James Coburn)
10. Jackie Coogan

—Louis Phillips

# FOR THE RECORD MORE TOUGH TALK

In our January issue, we reported that a Defense Department catalog listed a "manually powered fastener-driving impact device"—which was just their way of saying "hammer." Can you see through each of these further examples of Defense double-speak?

1. They call it a "portable hand-

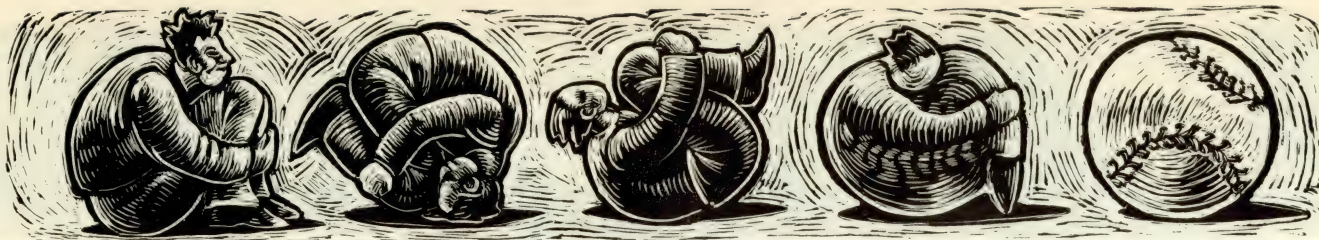
held communications inscriber." What would we civilians call it?

2. What would we call their "aero-dynamic personnel decelerator"?

3. And what's a "ballistically induced aperture in the subcutaneous environment"?

—Sandra Silbermintz





## TWISTS

### THIRST LOVE

The story below can be completed by filling the blanks with words from the list of drinks that follows it, making some fairly atrocious puns.

I stood be\_\_\_ and asked, "\_\_\_ you doing? \_\_\_ the world would you leave me?"

She said she wanted to \_\_\_ own woman. "I was never serious, I just wanted \_\_\_ little time!" she said. "\_\_\_ up! This isn't \_\_\_ end. I just need some \_\_\_ to grow."

As she was leaving, I shouted, "Them \_\_\_ reasons, Sherry! \_\_\_ and hisses to you!"

Now I'm \_\_\_ pressed. Sherry, \_\_\_ sorry you made me cry?

BEER, BOOZE, CIDER, GIN, MARTINI,  
ORANGE JUICE, RUM, SODA, TEA,  
TEQUILA, WATER, WINE

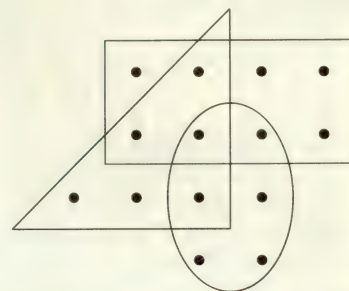
—Trip Payne

## TEASERS

### SECRET SQUARE

In the design at right, four of the dots mark the corners of a secret square. Exactly two of these dots are in the triangle, exactly two are in the rectangle, and only one is in the ellipse. Can you find the secret square?

—Bob Stanton



## TRIVIA

### TWO-TONE TUNES

George M. Cohan wrote a song called "Blue Skies, Gray Skies" and Cole Porter gave us "Red, Hot, and Blue." Can you think of 10 other song titles that contain the names of two different colors? No college songs, please.

—George Winthrop

## FOR THE RECORD

### WHERE ARE THEY NOW?

You can't get to the first 10 places listed below unless you've got a passport through time. That's because all these areas have undergone name changes. Can you match the old names (1-14) with the names you'd find on a current map (a-n)?

1. Belgian Congo
2. British Honduras
3. Ceylon
4. Christiania
5. Constantinople
6. Dahomey
7. Dutch Guiana
8. East Pakistan
9. New Amsterdam
10. Persia
11. Rhodesia
12. Saigon
13. St. Petersburg
14. Siam

- a. Bangladesh
- b. Belize
- c. Benin
- d. Ho Chi Minh City
- e. Iran
- f. Istanbul
- g. Leningrad
- h. New York City
- i. Oslo
- j. Sri Lanka
- k. Surinam
- l. Thailand
- m. Zaire
- n. Zimbabwe

—Robert Leighton

## NUMBER PLAY

### OH FUDGE

Suzanne has promised to make at least 15 pounds of her famous fudge for the big dorm party tonight. Since she has a two-hour chemistry exam this afternoon, her roommate Lisa has offered to shop for the ingredients.

Suzanne says, "You'll have to buy baking chocolate, milk, butter, and sugar at the Shop 'n Run down the street. They carry only one size of each ingredient: a box of baking chocolate is \$2.69, a carton of milk is 69¢, a pound of butter is \$1.09, and a box of sugar is 75¢."

"How much of each will you need?"

"Let's see. With one box of chocolate and one carton of milk, I can make up to six pounds of fudge. With one more box of chocolate, I can

make up to nine pounds, and with another carton of milk, I can make up to twelve pounds. There are four sticks of butter to a pound, and each stick makes exactly four-and-a-half pounds of fudge. And I use one box of sugar for every pound-and-a-half of fudge."

"I hope there won't be any ingredients left over. They attract wildlife."

"True, so buy just enough of everything to come out even. Here's a twenty-dollar bill. Thanks. Bye."

"Will twenty dollars be enough?"

"Why not? There's no sales tax.

See you at five."

Is Suzanne right? Will \$20 be enough?

—Bob Stanton



## FOR THE RECORD ORDERLY STATES

We've taken a number of rankings of the 50 states and listed the first and last five states in each. The question then is: By what is each set being ranked?

### A.

- |              |                 |
|--------------|-----------------|
| 1 Alaska     | 46 New Jersey   |
| 2 Texas      | 47 Hawaii       |
| 3 California | 48 Connecticut  |
| 4 Montana    | 49 Delaware     |
| 5 New Mexico | 50 Rhode Island |

### B.

- |                |                 |
|----------------|-----------------|
| 1 California   | 46 North Dakota |
| 2 New York     | 47 Delaware     |
| 3 Texas        | 48 Vermont      |
| 4 Pennsylvania | 49 Wyoming      |
| 5 Illinois     | 50 Alaska       |

### C.

- |                |               |
|----------------|---------------|
| 1 Delaware     | 46 Oklahoma   |
| 2 Pennsylvania | 47 New Mexico |
| 3 New Jersey   | 48 Arizona    |
| 4 Georgia      | 49 Alaska     |
| 5 Connecticut  | 50 Hawaii     |

### D.

- |                |                |
|----------------|----------------|
| 1 Florida      | 46 Mississippi |
| 2 New Jersey   | 47 Louisiana   |
| 3 Connecticut  | 48 Wyoming     |
| 4 Pennsylvania | 49 Alaska      |
| 5 New York     | 50 Utah        |

### E.

- |              |                 |
|--------------|-----------------|
| 1 Alaska     | 46 Rhode Island |
| 2 California | 47 Mississippi  |
| 3 Colorado   | 48 Louisiana    |
| 4 Washington | 49 Delaware     |
| 5 Wyoming    | 50 Florida      |

### F.

- |               |                 |
|---------------|-----------------|
| 1 Hawaii      | 46 Minnesota    |
| 2 Florida     | 47 Montana      |
| 3 Texas       | 48 Washington   |
| 4 Louisiana   | 49 North Dakota |
| 5 Mississippi | 50 Alaska       |

### G.

- |                |                  |
|----------------|------------------|
| 1 New York     | 46 West Virginia |
| 2 Illinois     | 47 Maine         |
| 3 California   | 48 North Dakota  |
| 4 Pennsylvania | 49 Wyoming       |
| 5 Texas        | 50 Vermont       |

—Alan Schaplowsky

## TOUGH NUTS BID ADO

It's the last hand of a game of "Oh, Hell," in which each player bids on the *exact* number of tricks he or she will take. You deal one card facedown to each of the six players (one of them yourself), and then turn up a card—the two of spades this time—to determine the trump suit. (Any trump card is higher than any nontrump, and, within a suit, the ace is high.) Since all five of your fellow players are mathematical whizzes, each bids strictly according to the odds, using the information he or she has and only bidding "one" if there's a better than even chance of taking the trick. The five bids from the others are, respectively: one, zero, zero, one, zero.

What is the *lowest* card you can have to justify a bid of one?

—Stan Slater

## HALL OF FAME WRITERS AT WORK

Each of the writers below toiled at a non-literary occupation before gaining literary fame. Can you match each writer (1–8) to his erstwhile endeavor (a–h)?

1. Lewis Carroll
2. Charles Dickens
3. Dashiell Hammett
4. Franz Kafka
5. Ken Kesey
6. Joseph Wambaugh
7. William Shakespeare
8. Kurt Vonnegut, Jr.

- a. factory worker
- b. farmer
- c. lawyer
- d. math professor
- e. police officer
- f. private detective
- g. public relations man
- h. stage actor

—Doug Putnam

## TEASERS NOTABLE PLACES

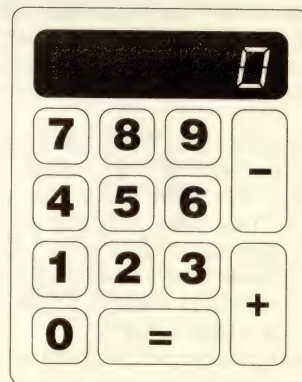
What do the following place names have in common?

- |         |         |
|---------|---------|
| ALABAMA | BOSTON  |
| AMERICA | CHICAGO |
| ASIA    | EUROPE  |
| BERLIN  | KANSAS  |

—Jill Portugal

## NUMBER PLAY MISCALCULATION

Mrs. Chatterton went to the stationery store to buy a few items: a tablet for 94¢, a mechanical pencil for 91¢, and an eraser for 40¢. She brought along her calculator (shown below) to keep track of the cost. However, she forgot to bring her glasses and, as a result of her extreme nearsightedness, she didn't quite hit the right keys. In fact, each time she went to press one of the number keys, she instead pushed one of the numbers horizontally or vertically adjacent to the correct key. Mrs. Chatterton also forgot to add in the sales tax of 4%. In spite of all her mistakes, she still managed to get the exact total cost. What wrong numbers did Mrs. Chatterton press?



—Guney Mentos



# LOGIC MUSICAL PAIRS

The band came marching two by two:  
The majorette named Betty-Sue,  
The drummer Lloyd, the saxman Jack,  
Big Tuba Liz from Hackensack,  
The cornet player we called Bix,  
And I upon the slide: we six.

I have a photo in a book  
That shows us as we used to look:  
Confetti-flecked, a motley band  
Of would-be Dukes of Dixieland.  
There's me, preserved in mid-sashay,  
Unmindful of the jaunty way  
My trombone slide impales the back  
Of Tuba Liz from Hackensack.

And there's the majorette, and her  
Upflung baton that's just a blur:  
A missile poised, as if designed,  
To conk poor Jack from just behind.

The cornet player we called Bix  
Is frozen playing red-hot licks,  
His puffed-out cheeks a comic sight,  
Big Liz galumphing on his right.

The tune we played, as I recall,  
Was "Hepcats Jammin' at the Ball."

We high-stepped past a raucous crowd  
That cried, "They're small, but man,  
they're loud!"

This snapshot that I look at shows  
The lookers-on, their mouths like O's,

The clock at Forty-Third and Vine  
Forever reading 12:09,  
The members of our band arranged

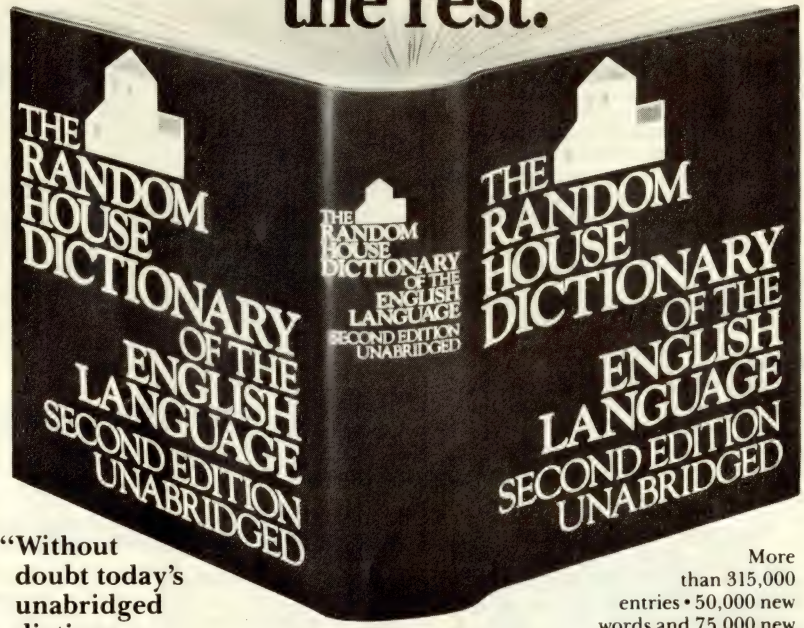
In postures that cannot be changed.

So tell me, people, you who heed  
The logic in these lines you read:  
Where stood we six, from fore to aft,

The moment we were photographed?

—Emily Cox & Henry Rathvon

# Words apart from the rest.

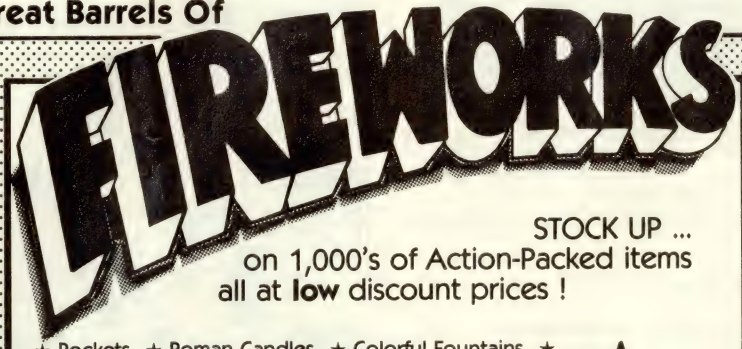


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# ANSWERS

## 2 YOUR MOVE

### Salad Bar

The ten vegetables are: asparagus, carrot, okra, potato, rhubarb, rutabaga, shallot, squash, tomato, and yam. Though not strictly vegetables, alfalfa sprouts and mushroom are acceptable answers as well. More exotic vegetables include bamboo shoots and succory.

### Five-Party System

The Azalian senate contains 35 senators, in parties of 9, 8, 7, 6, and 5 members.

### The March Heir

Let  $A$  = August's age,  $J$  = June's age, and  $M$  = May's age. When the family's combined age is 70 years more, each member will be  $70/3$  years older.

August and June's observations give these equations:

$$A = 6M$$

$$A + J + M = 70$$

$$A + 70/3 - 2(M + 70/3)$$

The last equation can be simplified to  $A = 2M + 70/3$ , and when combined with the first gives  $4M = 70/3$ , or  $M = 70/12$ . The rest follows easily.

August is exactly 35 years old, June is 29 years and two months old, and May is five years and 10 months old Today is August's birthday.

### Chain of Thought

THINK, THICK, TRICK, TRACK, TRACT, TRAIT, TRAIN, BRAIN

### Buttons and Bolts

Oddly, we can answer the question without knowing the price of bolts or of buttons. Let  $x$  = the number of bolts bought and  $y$  = the number of buttons bought. Then  $x^2 + y^2$  = total cost (in cents) of bolts and buttons, and  $2xy$  = total cost if prices of bolts and buttons were switched. So  $x^2 + y^2 - 2xy = 100$ . The first half of this equation is equal to  $(x-y)^2$ , so  $x-y = 10$  or  $-10$ . But we know that  $x$  is greater than  $y$ , so  $x-y = 10$ .

Therefore, Bill bought ten more bolts than Barb bought buttons.

### Out-of-Towners

The locations are:

- 1-d, Never-Never Land (*Peter Pan*)
- 2-j, The Shire (*The Hobbit*)
- 3-e, Gotham City (*Batman*)
- 4-l, Narnia (C. S. Lewis Books)
- 5-b, Cimmeria (*Conan the Barbarian*)
- 6-i, Metropolis (*Superman*)
- 7-k, Tatooine (*Star Wars*)
- 8-c, Dogpatch (*Li'l Abner*)
- 9-g, Pooh Corner (Winnie The Pooh books)
- 10-a, Paradise Island (*Wonder Woman*)
- 11-h, Avalon (King Arthur legends)
- 12-f, Oz (*The Wizard of Oz*)

## 27 RUFFLED FEATHERS

1. Contraband (brant)
2. Poltergeist (egret)
3. Heredity (eider)
4. Iceberg (grebe)
5. Backstroke (stork)
6. Utterance (crane)
7. Unravel (raven)
8. Clothspin (snipe)
9. Elegant (eagle)
10. Shoehorn (heron)

## 16 SCREEN PLAY

1. *Gone With the Wind* (1939)
2. *A Man for All Seasons* (1966)
3. *Amadeus* (1984)
4. *The Deer Hunter* (1978)
5. *Ben-Hur* (1959)
6. *Annie Hall* (1977)
7. *In the Heat of the Night* (1967)
8. *Out of Africa* (1985)
9. *The Godfather* (1972)
10. *Chariots of Fire* (1981)
11. *The Sting* (1973)
12. *Midnight Cowboy* (1969)
13. *One Flew Over the Cuckoo's Nest* (1975)
14. *The Sound of Music* (1965)
15. *The French Connection* (1971)
16. *Patton* (1970)
17. *The Bridge on the River Kwai* (1957)
18. *West Side Story* (1961)

## 20 ICE CREAM, YOU SCREAM

1. a, followed by chocolate and Neapolitan; 2. Most (e), least (c); 3. a; 4. d; 5. b; 6. d; 7. a (Frusen Glädjé is also produced in the U.S.); 8. Orange, pineapple, lime, lemon, raspberry; 9. b; 10. b; 11. c; 12. c; 13. a; 14. c; 15. c; 16. a; 17. c; 18. c; 19. c; 20. b; 21. c; 22. a; 23. b; 24. 1-b, 2-i, 3-h, 4-c, 5-e, 6-d, 7-g, 8-f, 9-j, 10-a

The author thanks Mr. Nahum Waxman of Kitchen Arts & Letters bookstore in New York City for his help in obtaining out-of-print material.

## 27 HEAR IT NOW

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | E | G | S |   | C | H | O | P |   | A | G | R | E | E |
| L | E | A | P |   | H | E | A | R |   | C | R | A | M | P |
| A | L | L | E | V | I | A | T | E |   | R | A | M | I | E |
| H | Y | A | C | I | N | T | H |   | R | E | B | A | T | E |
|   |   |   |   |   | T | O | E |   |   | P | O | S | H |   |
| D | R | A | M | A |   | D | O | U | G |   | O | M | A | R |
| R | E | S | A | L | E |   | A | C | E |   | L | A | D | E |
| A | M | I | N |   | L | A | K | E | R |   | D | O | L | E |
| M | I | D | I |   | A | R | E |   | S | C | O | R | E | S |
| S | T | E | P |   | P | I | N | S |   | A | F | I | R | E |
|   |   |   |   |   | U | R | S | A |   | O | A | R |   |   |
| B | I | L | L | I | E |   | F | U | L | L | B | A | C | K |
| O | N | E | A | L |   | T | A | N | T | A | L | I | Z | E |
| S | T | A | T | E |   | A | L | D | O |   | A | D | A | Y |
| H | O | N | E | Y |   | M | A | S | S |   | B | A | R | E |

## 25 THE SIGNS OF IT

1. Siren
2. Saigon
3. Simon
4. Cyclone
5. Cider
6. Psycho
7. Siam
8. Citation
9. Siberia
10. Scientist
11. Sinai
12. Cyclops
13. Cyanide
14. Scythe

## 51 LOGIC

### Pear Pairs

Pedro ate the Bartlett and Anjou pears; Patti ate the Bosc and Seckel pears; and Penelope ate the Comice and Clapp Favorite pears.

### Busy Week

On Monday, Robert and Susan played racquetball and ate at Ming Ming Mandarin House; on Tuesday, they swam and ate at Muchas Enchiladas; on Wednesday, they jogged and ate at Pasquale's Pasta; on Thursday, they had aerobics class and ate at Samurai Sushi; and on Friday, they played tennis and ate at La Grande Cuisine.

### Dinner Party

The seating was as follows:

Clockwise from the left end of the table, the people are: Carla Forrest (far left), Andy Davis, Alice Baxter, Elton Forrest, Ellen Abram, Frank English, Faith Carlson (far right), Bob Abram, Barb Davis, David Carlson, Debra English, and Charles Baxter.

### What's in a Name?

The engaged couples are: Alice Todd and Henry Ritter, Betty Penn and Elwyn Nielson, Carol Smith and Frank Stoddard, and Darlene Peabody and Gary Naylor. Alice and Darlene are roommates, as are Betty and Carol, Elwyn and Gary, and Frank and Henry.

For a complete solution to **What's in a Name?** send a stamped, self-addressed envelope to "What's in a Name," GAMES, 810 Seventh Avenue, New York, NY 10019.

## 35 A AS IN ACRONYM

1. Arms (Strategic Arms Limitation Treaty)
  2. Beginner's (Beginner's All-purpose Symbolic Instruction Code)
  3. Congress (Congress Of Racial Equality)
  4. Distant (Distant Early Warning)
  5. Excursion (Lunar Excursion Module)
  6. Form (Alien Life Form)
  7. Garbage (Garbage In, Garbage Out)
  8. Hospital (Mobile Army Surgical Hospital)
  9. International (United Nations International Children's Emergency Fund)
  10. Jewish (Jewish American Princess)
  11. Kiss (Sealed With A Kiss)
  12. Leave (Absent WithOut Leave)
  13. Mothers (Mothers Against Drunk Driving)
  14. National (National Aeronautics and Space Administration)
  15. Organization (Organization of Petroleum Exporting Countries)
  16. Publishers (American Society of Composers, Authors, and Publishers)
  17. Quarters (Person of the Opposite Sex Sharing Living Quarters)
  18. Relief (Cooperative for American Relief Everywhere)
  19. Stock (National Association for Stock Car Auto Racing)
  20. Tomorrow (Experimental Prototype Community Of Tomorrow)
  21. Up (Situation Normal—All Fouled Up)
  22. Vehicle (Multiple Independently-targetable Re-entry Vehicle)
  23. Warning (Airborne Warning And Control System)
  24. EXchange (AMERICAN EXchange)
  25. York (New York New England Telephone) (the X is a dummy letter)
  26. Zone (Zone Improvement Plan)
- The acronym that is "a little different from the others" is #24—the only one that combines *two* letters from each word.



## 38 A SWITCH IN TIME

We identified 22 anachronisms:

1. *American Gothic* painting (painted by Grant Wood in 1930)
2. President Washington poster (Washington took office in 1789)
3. Flag with 15 stars (adopted in 1795, after the admission of Vermont and Kentucky to the Union)
4. Light bulb (invented around 1878)
5. Clock with a second hand (introduced in the 19th century)
6. Bananas (first shipped to the United States in 1804)
7. Zipper (invented in 1893)
8. Bic pen (introduced in 1958)
9. Ice cream cone (introduced in 1904 at the St. Louis World's Fair)
10. *Alice in Wonderland* (published in 1865)
11. Loose-leaf, hole-punched notebook paper (invented in the 20th century)
12. Tin can (invented in 1810; popularized during the Civil War)
13. Tophat (introduced in 1797)
14. Cigarette (invented in 1797)
15. Friction match (invented in 1826)
16. Bow tie (first popularized in the 1920s)
17. *New York Times* (founded in 1851)
18. Doberman pinscher (developed as a breed in the 20th century)
19. Postage stamp (first sold in the United States in 1847)
20. Chicago (founded in 1804 as Ft. Dearborn)
21. ZIP code (adopted in 1964)
22. Sneakers (introduced in 1917)

In case you wondered, the following were *not* anachronisms: *Robinson Crusoe* (published in 1719); *Gulliver's Travels* (published in 1726); the rifle (a model known as the "Brown Betsy," popular during the 18th century); eyeglasses (which date back to 13th-century Italy); and the wristwatch (popularized in the 17th century).

## 49 EYEBALL BENDERS

1. Bridal shops
2. Chiropractors
3. Towing services
4. Plumbers
5. Beauty salons
6. Funeral directors
7. Employment agencies
8. Burglar alarms
9. Veterinarians

## 31 THE BIG QUEST

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C | R | A | W | L | M | U | S | S | W | A | L | T | A | S | S | T |   |   |
| H | A | V | O | C | E | B | O | N | A | M | I | E | R | E | P | A | Y |   |
| A | W | I | L | D | G | O | O | S | E | C | H | A | S | E | A | R | N | S |
| S | H | A | A | W | L | E | L | I | Z | A | E | N | R | A | G | E |   |   |
| S | I | T | C | O | M | T | H | R | O | N | E | T | R | A | C | T | O | R |
| I | D | E | A | T | E | S | I | E | V | E | T | R | A | S | H |   |   |   |
| S | E | S | T | E | T | S | D | D | E | H | A | Y | S | F | A | D | E |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| F | I | S | H |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| O | C | T | A | L |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| R | E | E | F | E | R | S |   |   |   |   |   |   |   |   |   |   |   |   |
| O | R | A | T | E |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| E | V | I | L |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| N | E | L | L |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| D | R | E | I |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| B | E | A | G | L | E | S |   |   |   |   |   |   |   |   |   |   |   |   |
| R | U | N | S | I | N |   |   |   |   |   |   |   |   |   |   |   |   |   |
| A | B | I | T | E |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| T | I | T | A | N |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| E | A | R | S |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

## 35 GRAND DESIGN

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R | I | D | O | F | S | W | A | H | I | L | I | S | H | O | R | E | L | E | A | V | E |   |
| B | O | N | A | M | I | A | R | S | E | N | I | C | P | E | N | I | C | I | L | L | I | N |
| A | S | A | P | I | N | L | E | T | I | T | B | E | R | E | S | P | O | N | D | E | N | T |
| R | E | B | T | A | R | S | A | N | E | R | O | I | L | E | N | D | H | E | R |   |   |   |
| E | M | I | T | L | E | F | T | O | N | E | M | E | T | E | R |   |   |   |   |   |   |   |
| B | A | L | I | N | E | S | E | B | U | T | T | E | R | D | U | P | F | A | U | N | A |   |
| A | R | I | D | E | T | E | L | L | S | T | A | T | S | T | H | R | O | W | S | A | T |   |
| C | I | T | E | D | O | L | E | O | P | I | T | H | C | H | O | I | R | E | K | E |   |   |
| K | E | Y | S | F | R | E | S | C | O | E | S | E | T | O | T | V | S | S | E | D |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| M | A | N | T | L | E | S |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| A | D | O | R | E | S |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| C | A | V | E | A | T |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| A | G | E | N | D | A |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| W | E | L | D | S |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| S | A | B | O | T | E | U | R |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| B | O | B |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| A | P | E |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| S | E | A | M | S | T | E | R |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| I | N | S |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| L | E | G | S |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| I | D | E |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| C | O | S | M | O | L | O | G | I | C |   |   |   |   |   |   |   |   |   |   |   |   |   |
| A | U | T | O | M | O | B | I | L | E |   |   |   |   |   |   |   |   |   |   |   |   |   |
| S | T | E | N | O | T | I | P | E | S |   |   |   |   |   |   |   |   |   |   |   |   |   |

## 34 DOUBLE CROSS

- CHIPPER
- LINT
- INDIGENT
- FATAL ATTRACTION
- THE WAR
- OF THE WORLDS
- NEIL YOUNG
- FUNNEL
- ANTOINETTE
- DAVID
- IVORY TOWER
- MITCHUM
- ANNE OF CLEVELAND
- NUDIST
- ARTIFICE
- NEIGHBORS
- EMERALD ISLE
- CUSPS
- DON JOHNSON
- OLD VIC
- THE GODFATHER
- EBENEZER SCROOGE
- SWIGGING

Comedienne Carol Channing once invited Gielgud to a sports event at which she was to award the prizes. Sir John, suffering from a virus infection at the time, scribbled the following note in reply: "Sorry, love, cannot attend. Gielgud doesn't fieldgud." — Clifton Fadiman, (*The Little, Brown Book of Anecdotes*)

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## WILD CARD ANSWERS

## POLISH 101

- 1-g, illiterate
- 2-n, unsanitary
- 3-i, nonpolitical
- 4-e, head office
- 5-d, embezzle
- 6-l, track suit
- 7-a, board of directors
- 8-j, physicist
- 9-f, hearse
- 10-b, canned food
- 11-k, sum
- 12-o, veneration
- 13-c, definite
- 14-h, minutes
- 15-n, university

Adapted from Words, Ltd., Molokai, HI 96742

## MORE TOUGH TALK

The items are (1) a pencil; (2) a parachute; and (3) a bullet hole.

## TO THE POINT

Red tape (tapered)

## POLITICAL FIGURES

83854  
+ 19884  
103738

## KID SHOWS

1. *The Karate Kid*
2. *The Cincinnati Kid*
3. *Butch Cassidy and the Sundance Kid*
4. *The Flamingo Kid*
5. *The Lemon Drop Kid*
6. *The Coca-Cola Kid*
7. *The Heartbreak Kid*
8. *The Frisco Kid*
9. *Pat Garrett and Billy the Kid*
10. *The Kid*

## THIRST LOVE

The completed story is:

I stood beCIDER (beside her) and asked, "WATER (What are) you doing? WINE (Why in) the world would you leave me?"

She said she wanted to BEER (be her) own woman. "I was never serious, I just wanted TEQUILA (to kill a) little time!" she said. "GIN (Chin) up! This isn't TEA (the) end. I just need some RUM (room) to grow."

As she was leaving, I shouted, "Them MARTINI (are teeny) reasons, Sherry! BOOZE (Boos) and hisses to you!"

Now I'm SODAppressed (so depressed). Sherry, ORANGE JUICE (aren't you) sorry you made me cry?

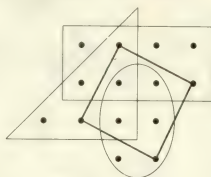
## OH FUDGE

The bill will be \$19.54, so a \$20 bill will be enough. Each pound of fudge requires 1/6 box of chocolate, 1/9 carton of milk, 1/18 carton of butter, and 2/3 box of sugar. The smallest amount for which all ingredients come out evenly is 18 pounds, so Suzanne will need:

|                      |   |        |   |         |
|----------------------|---|--------|---|---------|
| 3 boxes of chocolate | @ | \$2.69 | = | \$ 8.07 |
| 2 cartons of milk    | @ | .69    | = | 1.38    |
| 1 pound of butter    | @ | 1.09   | = | 1.09    |
| 12 boxes of sugar    | @ | .75    | = | 9.00    |
| Total                |   |        |   | \$19.54 |

## SECRET SQUARE

The square is located as shown:



## TWO-TONE TUNES

- "Brown Eyes—Why Are You Blue?"  
 "Cherry Pink and Apple-Blossom White"  
 "Don't It Make My Brown Eyes Blue?"  
 "Ebony and Ivory"  
 "Lavender's Blue (Dilly Dilly)"  
 "Red Roses for a Blue Lady"  
 "Silver Threads Among the Gold"  
 "(There'll Be Blue Birds Over) the White Cliffs of Dover"  
 "Where the Blue of the Night Meets the Gold of the Day"  
 "A White Sport Coat and a Pink Carnation"

## WHERE ARE THEY NOW?

- |                |                        |
|----------------|------------------------|
| 1-m, Zaire     | 8-a, Bangladesh        |
| 2-b, Belize    | 9-h, New York City     |
| 3-j, Sri Lanka | 10-e, Iran             |
| 4-i, Oslo      | 11-n, Zimbabwe         |
| 5-f, Istanbul  | 12-d, Ho Chi Minh City |
| 6-c, Benin     | 13-g, Leningrad        |
| 7-k, Surinam   | 14-l, Thailand         |

## ORDERLY STATES

The states were ranked by:

- A. area (largest to smallest);
- B. population (largest to smallest);
- C. date admitted to the union (earliest to most recent);
- D. median age of residents (oldest to youngest);
- E. highest point (highest to lowest);
- F. southernmost point (southernmost to northernmost);
- G. population of largest city (largest to smallest).

## BID ADO

You should have the ace of spades. (The first bidder must have at least the eight of spades to bid one, and the fourth player must have at least the queen.)

## WRITERS AT WORK

- |                        |                           |
|------------------------|---------------------------|
| 1-d, math professor    | 5-b, farmer               |
| 2-a, factory worker    | 6-e, police officer       |
| 3-f, private detective | 7-h, stage actor          |
| 4-c, lawyer            | 8-g, public relations man |

## NOTABLE PLACES

All of these place names are also the names of popular music groups.

## MISCALCULATION

Mrs. Chatterton pushed 81 + 82 + 71, getting a total of \$2.34, the correct total (94 + 91 + 40 = 225; 4% tax on \$2.25 is .09, for a total of \$2.34).

## MUSICAL PAIRS

In front are Liz and, to her left, Bix; behind them are the narrator and Jack, respectively; and, bringing up the rear, Lloyd and, to his left, Betty-Sue.

## 33 CRYPTIC CROSSWORD 1

## ACROSS

- 1 Feverish (fish + ever)
- 5 Sestet (tsetse)
- 9 Revolving (two meanings)
- 11 Earth (heart)
- 12 Sedate (teased)
- 13 Triplane (trip + lane)
- 15 Flounder (I + founder)
- 16 Lion (millIONS)
- 19 Darn (two meanings)
- 20 Chairman (Chan + Irma)
- 23 Antihero (rhino ate)
- 24 Slip up (pupils)
- 27 Chaps (two meanings)
- 28 Demitasse (set is made)
- 29 Diesel (dies + el)
- 30 Fine arts (near + fits)

## DOWN

- 1 Forest (softer)
- 2 Vivid (VI + D + VI)
- 3 Relation (Oriental)
- 4 Sail (sale)
- 6 Exempt (pet me + x)
- 7 Tarnation (tar + nation)
- 8 Te-heeing (eighteen)
- 10 Gardenia (drainage)
- 14 Anchored (and + chore)
- 15 First-rate (tarts + fire)
- 17 Advanced (add + Vance)
- 18 Omelette (handsOME LETTering)
- 21 Chaste (chased)
- 22 Upsets (up + sets)
- 25 Poser (prose)
- 26 Omni (in + MO)

## 33 CRYPTIC CROSSWORD 2

## ACROSS

- 1 Capital (two meanings)
- 5 Caromed (Rome + Cad)
- 9 Spear (E + spar)
- 10 Trousered (t + rouse + red)
- 11 Brassiere (brassier + E)
- 12 Edit (tide)
- 14 Andes (Andy's)
- 15 Adam Smith (madam hits)
- 16 Cryptical (crypt + I + Cal)
- 19 Split (p + slit)
- 21 Knee (crook NEEDs)
- 22 Overreach (hear cover)
- 25 Averaging (ave + raging)
- 26 Bantu (urBAN TURmoil)
- 27 Sisters (resists)
- 28 Residue (reside + U)

## DOWN

- 1 Casablanca (lance - e + casaba)
- 2 Prepaid (diaper + P)
- 3 Thrusts (the - e + rusts)
- 4 Lathe (L + at + he)
- 5 Close call (c + lose + C + all)
- 6 Rushers (R + ushers)
- 7 Martini (Martin + i)
- 8 Dodo (do + do)
- 13 White House (whee I shout)
- 15 Anchovies (chives on a)
- 17 Yankees (seek + nay)
- 18 Teenage (Gene ate)
- 19 Strokes (st. + robes)
- 20 Learned (Lear + end)
- 23 Eager (Yeager - Y)
- 24 Taps (spat)

## FAKE AD

The Fake Advertisement announced in the Table of Contents was for Abacus 1.0 and appeared on page 48. Photo by Nick Koudis.



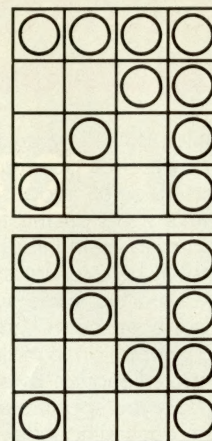
### 32 ANALOGRAMS

1. SCHOOL is to FISH
2. EYE is to HURRICANE
3. INCH is to FOOT
4. DOES is to FAWNS
5. WATCH is to HAND
6. INVENTOR is to PATENT
7. FAN is to BREEZE
8. DAGGER is to SWORD
9. ISLAND is to OCEAN
10. HEAD is to BEER
11. NOTE is to SCALE

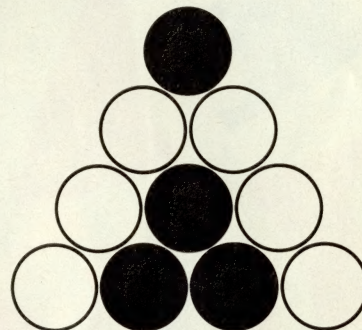
12. ENGLISH is to SHINGLE (anagrams)
13. SAW is to TOOTH
14. MOUTH is to ROOF
15. RAMPART is to HORN (charades)
16. ICE is to CAKE
17. SKATE is to BLADE
18. BEE is to SEE (homophones of successive letters of the alphabet)
19. FIN is to SAWBUCK
20. DISK is to DRIVE

### 28 COIN-OP PUZZLES

1. Either solution (or its reflection) is correct:



2. Remove four pennies as shown. Except for rotations, the solution is unique.



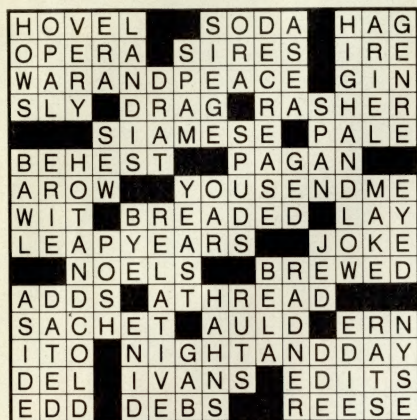
3. Dudeney's solution, in 18 moves, was as follows: 2-3, 9-4, 10-7, 3-8, 4-2, 7-5, 8-6, 5-10, 6-9, 2-5, 1-6, 6-4, 5-3, 10-8, 4-7, 3-2, 8-1, 7-10.
4. If the coins are numbered in order from 1 to 10, they may be jumped as follows: 6-9, 4-1, 8-3, 2-5, 7-10. Other solutions are also possible.
5. Number the top penny 1, the next row of pennies 2 and 3, and the bottom row 4, 5, and 6. The following is one of many solutions in four moves: Slide penny 3 to abut pennies 4 and 5. Slide 6 to abut 3 and 5. Slide 5 to abut 1 and 2 (on the right). Slide 1 to abut 5 and 6.
6. Divide the grid as shown. Each half totals 81¢.

|    |    |    |    |
|----|----|----|----|
| 5  | 5  | 1  | 25 |
| 5  | 25 | 10 | 10 |
| 1  | 5  | 5  | 10 |
| 10 | 10 | 25 | 10 |

### 6 LETTERS

- The objects are:
1. A rubber band (Nikki Pollack)
  2. A plastic knife (Lindsay Chapman)
  3. A pencil (Mark Rogers)

### 25 REVERSE THINKING

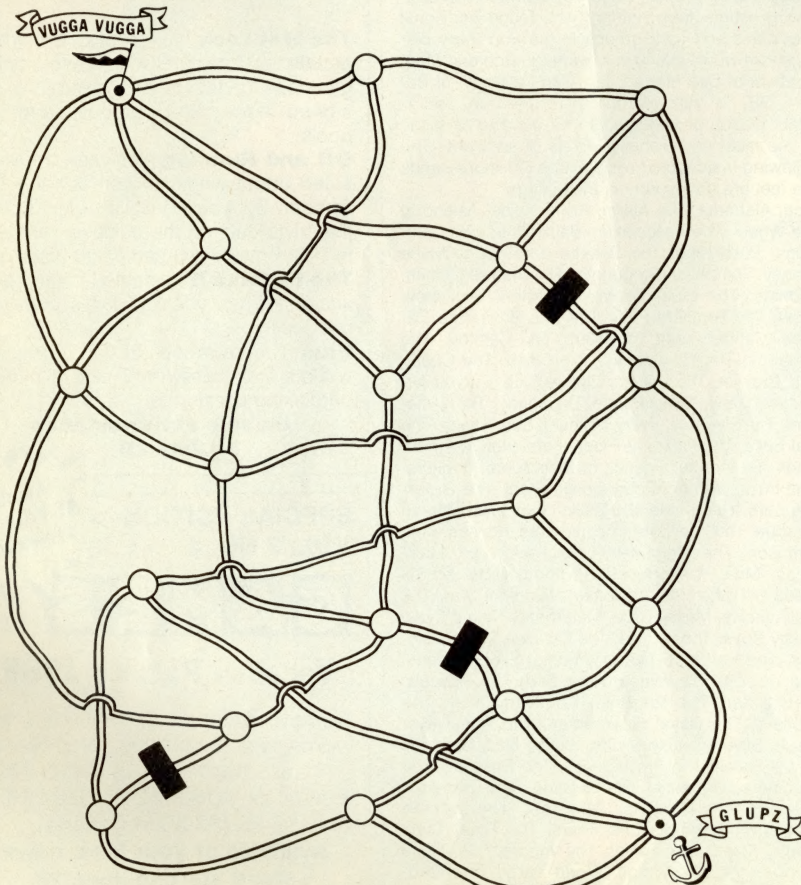


### 26 DSZQUPHSBNT!

1. CRYPTOON. "I'd prefer to make your nose and ears smaller, but my colleagues think we should just make the rest of your head bigger."
2. DON'T GIVE UP. "Children's talent to endure stems from their ignorance of alternatives." By Maya Angelou
3. PREMONITION? As a boy, Neil Armstrong had a recurring dream that, by holding his breath, he could float over the ground.
4. FORTUNE-MAKERS. If huge magazine publishing firm offers you top-level position, it might be the opportunity of a Time-Life.
5. SEPARATE CHECKS. Schizophrenic man is declared sane fifteen times—each personality was seeing a different psychologist.
6. MILITARY TIME. Army leader, deciding which squad should lead the others, proclaims, "This august third may first march forth."
7. I'VE BEEN FRAMED. Positively plain patron publicly praises perfect portrait, privately pronounces painter "prodigiously paid putterer."

### 30 STOP THE SPY!

The three roadblocks are shown:

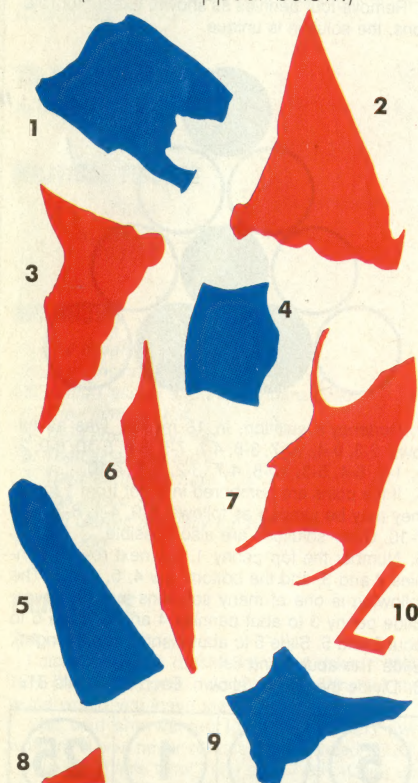




# THE SEAGRAM'S 7 CHALLENGE

Here's a quick but tricky puzzle to test your powers of observation. We've taken 10 small images from the Seagram's 7 ad on the facing page, then turned them into the silhouettes shown below. The silhouetted images are the same size as in the ad, but have been changed in color and orientation to make the puzzle more challenging. By studying the ad, can you spot the image that matches each silhouette?

(Answers appear below.)

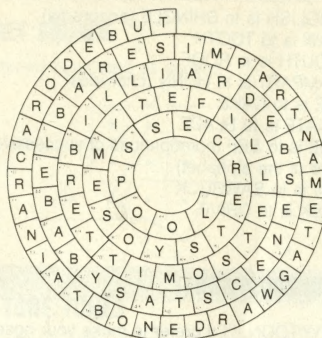


## ANSWERS



## ANSWERS

## 23 THE SPIRAL



# EUREKA

*Eureka is dedicated to those venturesome spirits who, never settling for a ready answer, have fought their way to a better, more elegant, or more complete solution than one we gave.*

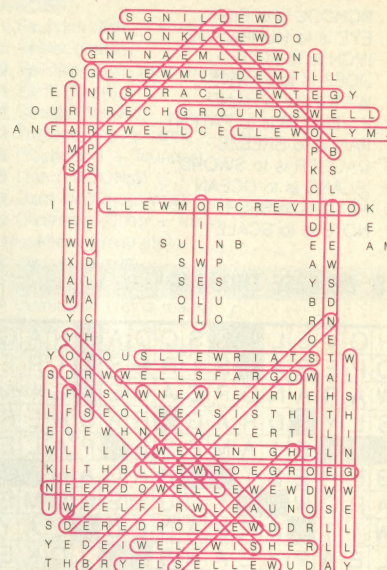
\* **Twisted Television** (May, page 28) Scott Walbert, of Allentown, PA was the first of many readers to propose that Number 11, "Perky Mason" (for Perry Mason) could also represent "Merry Mason."

\* **Time and Times Again** (March Your Move, page 4) William Shanahan, of St. Petersburg, FL, was the first of several readers to point out an alternative solution to the problem. The question asked what the value of  $Y + Z$  would be if every letter in the alphabetical series were arranged so that it equaled the letter before it times the letter after it, and  $A + B = 1988$ . He suggested that, because we did not forbid zero as a value for one of the variables,  $Y + Z$  could equal zero if  $A = 1988$  and every other letter from B to Z was zero.

\* **Pop Party** (March, page 20) We received dozens of letters from readers who found additional musicians and rock groups in the Pop Party collage. We would like to acknowledge Bob and Mary Graham of Des Moines, IA, Allan Patterson of Salem, OR, Bill van Heerden of Toronto, CA, and T. Stark Mason of Augusta, GA for sending us some of the most comprehensive lists of additions. The following is an alphabetical list of 121 more bands we feel are also visible in the collage:

Ace, Alabama, The Alarm, Art of Noise, Asleep at the Wheel, The Association, Back Door, Bad Company, B. B. King, The Beastie Boys, Bees Make Honey, The Bells, Big Country, Big Star, Big Youth, Blondie, The Blues Brothers, Boston, Bow wow wow, The Brothers Four, The Bus Boys, The Cadets, Canned Heat, The Cars, The Capitols, The Champs, The Chipmunks, The Clash, The Coast-ers, Crawler, The Critters, Culture Club, Curved Air, Cutting Crew, Deep Purple, Diamonds, The Dictators, The Elegants, Every Mother's Son, Fanny, The Fat Boys, The Fixx, The Flock, Foreigner, The Four Lads, Fresh Aire, Friends of Distinction, Furniture, The Fuzz, Gang of Four, Gentle Giant, The Grasshoppers, Heavy Metal, Howlin' Wolf, The Human League, The Imperials, The Intruders, Kansas, King Crimson, The Kingsmen, Little Feat, Love, Madness, Men At Work, Men Without Hats, MF50 (Mother Father Sister Brother), Midnight Star, The Moonglows, Motley Crue, Motorhead, Naked Eyes, Nasty Boys, The Nobles, The Outlaws, The Outsiders, The Partridge Family, People, Pilot, Platinum Blonde, The Playmates, Rare Bird, The Rascals, Red Rider, The Regents, Rock and Roll, The Rovers, The Royal Guardsmen, The Runaways, Rush, Silver, Simple Minds, Simply Red, Sky, The Small Faces, The Smithereens, The Spaniels, The Spinners, Squeeze, Starz, Sting, The Strawbs, Stryper, The Surfaris, Talk Talk, The Talking Heads, The Temptations, Them, The Time, Toys, Traffic, The Tubes, Tymes, The Vapors, The Village People, Wham!, Wings, World Party, The Yardbirds, The Youngbloods, The Young Rascals,

## 24 WISHING WELL



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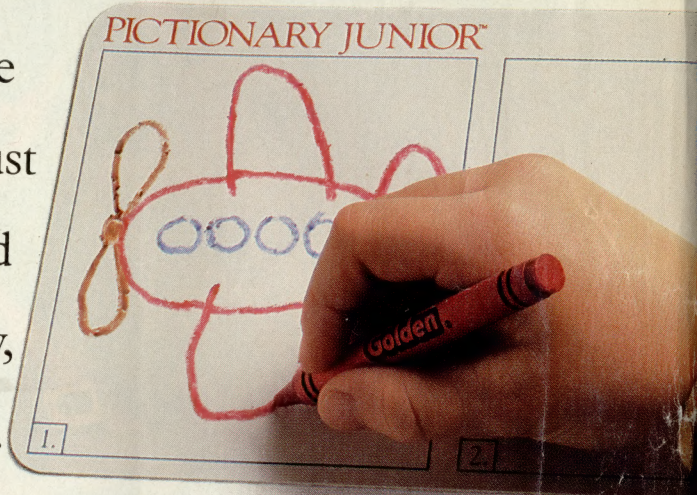
But the real fun is deciding what to draw to get the word across to their teammates before time runs out. And that can stimulate their imaginations like no other game.

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